PMAP 4 System Analysis

Detailed Analysis of FCC raised issues:

March 2002 and April 2002 data

FCC Request dated 6/21/2002

Research Dated: Tuesday, July 02, 2002

Executive Summary

BellSouth received a request for data dated 6/21/2002 to analyze and explain differences between PMAP 2.6 and 4.0 for the months of March 2002 and April 2002. BellSouth provided March 2002 data to the FCC based on a requested data extraction for this month using the same code as was run against the April data. March 2002 was not published officially – this back run of data was done specifically to satisfy requests for data analysis. The PMAP 4.0 system starts official production output with April data forward.

BellSouth has done extensive testing of the inputs and outputs of the PMAP 4.x code generation. This testing involved over 1,500 test cases being performed along with three months of cross system validation to compare outputs. This paper is to provide detailed analysis of specific issues raised by the FCC stemming from the system conversion. These items have previously been examined by BellSouth during the testing and comparative run stages of the implementation. While BellSouth has provided notification of the changes between the two systems, it is not readily apparent which changes affect which charts, a problem this paper intends to solve on a specific basis by referencing back to actual charts affected.

The FCC is requesting detailed analysis of the following items:

1. Ordering Subject Area
    a. Reject Interval Measure
        i. Combo Other
        ii. Other Design
        iii. Line Sharing
        iv. 2 Wire Voice Grade Loop – Design
        v. 2 Wire Voice Grade Loop – Non Design
    b. Firm Order Confirmation (FOC) Timeliness
        i. Combo Other
        ii. ISDN

iii. 2 Wire Voice Grade Loop – Non Design

2. Provisioning Subject Area
    a. Provisioning Troubles with-in 30 Days
        i. Combo Other
        ii. UNE-P
        iii. xDSL
        iv. Line Sharing
        v. 2 Wire Analog Loop – Design
        vi. 2 Wire Analog Loop – Non Design
        vii. 2 Wire Loop with LNP
        viii. Local Interconnection Trunks (LIT)
        ix. Digital Loop > DS1
3. Maintenance and Repair (M&R) Subject Area
    a. Retail Volumes for all measures
        i. xDSL
        ii. Line Sharing

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Overview – Product Level Disaggregation

The FCC has requested that individual product disaggregation be discussed for analysis purposes. In general, a product disaggregation will include several charts that make up that disaggregation, such as Mechanized, Non-Mechanized, and Partially Mechanized. This information is noted where applicable in the research presented.

The developers of PMAP 4.0 have invested significant resources into improving the product identification process. There are many variables and include/exclude rules that must be applied to make a product determination, and as a result of the efforts expended to improve this process, the PMAP 4.0 system now identifies products at a much more granular level.

Overview – Geographic Disaggregation

This paper is focused on the Georgia geographic disaggregation. While the analysis brought forth in this research can be applied to all geographies, the change impact will vary depending on several factors including volume, ordering product mix, and CLEC activity.

Overview – Time Disaggregation

This paper is focused on the March 2002 and April 2002 data months. For these two months, the same code versions have been run on both months data, allowing appropriate cross comparison of the outputs from both systems.

Differences Explanation Methodology

This paper focuses upon differences between data at the chart level, not at the product level. The product level solution is provided by the aggregate of the chart level explanations. Several issues could be influencing any of the charts presented in this paper, and when viewed at the product level, this view is the aggregate of the individual underlying explanations. The explanations were structured this way to be specific and detailed about the individual trouble tickets, LSRs, and service orders involved in these measures. As a general matter, specificity of differences is more difficult at higher disaggregation levels –

for this reason the paper focuses on chart (lowest) level disaggregation. At a measure level, the difference solution is the aggregate of all underlying differences – mech, non-mech, product, state, etc…

Chart Reference

Only charts with data are shown in the Chart Reference Section and are provided directly in this paper for ease of data viewing. The charts are sourced directly from the actual production outputs for the months in question.

Ordering Subject Area

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Reject Interval Measure

SQM Measure Reference: O-8

SQM Measure Description:

The Reject Interval measure is intended to analyze the interval between CLEC submission of an LSR to the time that an LSR in rejected or clarified back to a CLEC.

Combo Other

March Research Data

Chart Reference(s): Non-Mechanized (UNE) B.1.8.4

April Research Data

Chart Reference(s): Non-Mechanized (UNE) B.1.8.4

Chart Reference

Chart B.1.8.4 – March 2002 – 2.6 System Output (Official Results)

B.1.8.4 Combo Other/GA (%)

	Benchmark	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
Apr-01	85.00%								
May-01	85.00%								
Jun-01	85.00%								
Jul-01	85.00%								
Aug-01	85.00%								
Sep-01	85.00%								
Oct-01	85.00%								
Nov-01	85.00%								
Dec-01	85.00%								
Jan-02	85.00%								
Feb-02	85.00%								
Mar-02	85.00%								

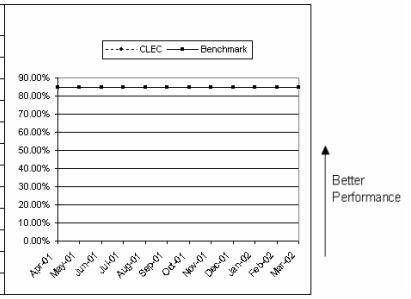


Chart B.1.8.4 – March 2002 – 4.0 System Output (Non-Official Results)

B.1.8.4 Combo Other/GA (%)

	Benchmark	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
Apr-01	85.00%								
May-01	85.00%								
Jun-01	85.00%								
Jul-01	85.00%								
Aug-01	85.00%								
Sep-01	85.00%								
Oct-01	85.00%								
Nov-01	85.00%								
Dec-01	85.00%								
Jan-02	85.00%								
Feb-02	85.00%								
Mar-02	85.00%			100.00%	33	33			YES

Note 1: ATTORNEY-CLIENT PRIVILEGED DOCUMENT. PREPARED IN ANTICIPATION OF LITIGATION.

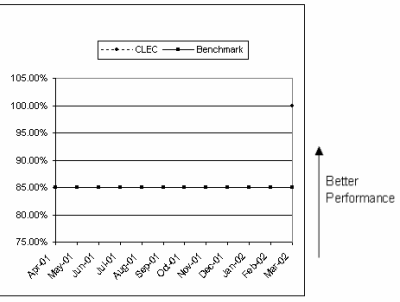


Chart B.1.8.4 – April 2002 – 2.6 System Output (Non-Official Results)

B.1.8.4 Combo Other/GA (%)

	Benchmark	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
May-01	85.00%								
Jun-01	85.00%								
Jul-01	85.00%								
Aug-01	85.00%								
Sep-01	85.00%								
Oct-01	85.00%								
Nov-01	85.00%								
Dec-01	85.00%								
Jan-02	85.00%								
Feb-02	85.00%								
Mar-02	85.00%								
Apr-02	85.00%								

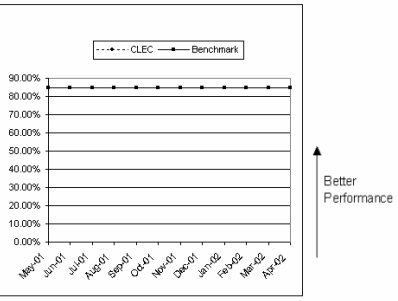
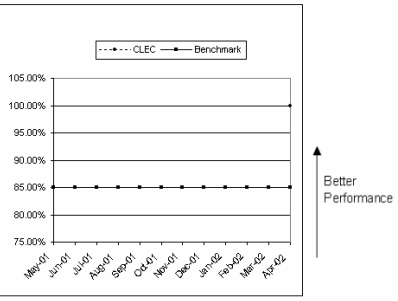


Chart B.1.8.4 – April 2002 – 4.0 System Output (Official Results)

B.1.8.4 Combo Other/GA (%)

	Benchmark	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
May-01	85.00%								
Jun-01	85.00%								
Jul-01	85.00%								
Aug-01	85.00%								
Sep-01	85.00%								
Oct-01	85.00%								
Nov-01	85.00%								
Dec-01	85.00%								
Jan-02	85.00%								
Feb-02	85.00%								
Mar-02	85.00%								
Apr-02	85.00%			100.00%	15	15			YES



Difference Quantification

PMAP 4.0 is displaying data for both analysis periods, whereas the 2.6 output does not show data.

Difference Explanation

PMAP 4.0 has identified LSRs which fit into this product grouping. The 48 (15 + 33) records identified by PMAP 4.0 were identified as Product ID '–1' in PMAP 2.6. Negative Product IDs are used in the PMAP system when adequate identification of the product cannot be performed. Because the system assigned this code as the product, a subsequent rollup into the 'Combo Other' grouping was not performed in the 2.6 environment.

For the Combo Other (Ordering) product, PMAP 4.0 derives products based on 140 combinations of source system, requisition type code, general class of service code, service type code, network channel code (NC), network channel interface code (NCI), and secondary network channel interface code (SECNCI). PMAP 4.0 maps the products as shown in Appendix I. In

March, 30 records were mapped to Product ID 274 (UNE DS1 Loop riding DS3 Interoffice Channel – EEL9) and 3 records were mapped to Product ID 305 (UNE DS1 Local Loop + DS1 Interoffice w/existing 3/1 MUX (DS3) Channelized Local Channel). In April, all 15 records were mapped to Product ID 274 (UNE DS1 Loop riding DS3 Interoffice Channel – EEL9). These granular product identifications where then rolled into group 475 for production reporting.

In comparison, PMAP 2.6 mapped Product ID 190 (UNE Non-Switched Combos Including EELs) to this group (2.6 Group ID 3120), but the derivation rules to pick up this product were not granular enough to do a positive identification. As a result, PMAP 2.6 did not pick up records with Product ID 190, and could not map them to Group ID 3120. The 33 non-mechanized records for March and the 15 non-mechanized records for April were identified in PMAP 4.0 due to the improvement of the algorithms identifying products.

See Appendix III for general information about product identification rules.

Other Design

March Research Data

Chart Reference(s):	Mechanized (UNE)	B.1.4.14
	Non-Mechanized (UNE)	B.1.8.14

April Research Data

Chart Reference(s):	Non-Mechanized (UNE)	B.1.8.14

Chart Reference

Chart B.1.4.14 – March 2002 – 2.6 System Output (Official Results)

B.1.4.14 Other Design/GA (%)

	Benchmark	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
Apr-01	97.00%			100.00%	5	5			YES
May-01	97.00%			100.00%	10	10			YES
Jun-01	97.00%			96.97%	32	33			NO
Jul-01	97.00%			80.00%	4	5			NO
Aug-01	97.00%			76.19%	16	21			NO
Sep-01	97.00%			71.43%	10	14			NO
Oct-01	97.00%			87.88%	29	33			NO
Nov-01	97.00%			77.78%	14	18			NO
Dec-01	97.00%			87.50%	7	8			NO
Jan-02	97.00%			88.37%	38	43			NO
Feb-02	97.00%			70.97%	22	31			NO
Mar-02	97.00%			73.81%	31	42			NO

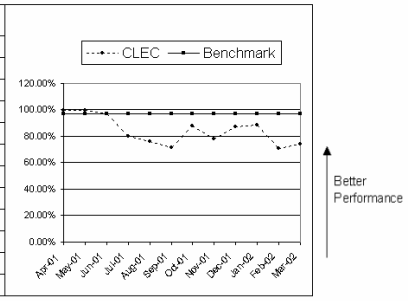


Chart B.1.4.14 – March 2002 – 4.0 System Output (Non-Official Results)

B.1.4.14 Other Design/GA (%)

	Benchmark	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
Apr-01	97.00%			100.00%	5	5			YES
May-01	97.00%			100.00%	10	10			YES
Jun-01	97.00%			96.97%	32	33			NO
Jul-01	97.00%			80.00%	4	5			NO
Aug-01	97.00%			76.19%	16	21			NO
Sep-01	97.00%			71.43%	10	14			NO
Oct-01	97.00%			87.88%	29	33			NO
Nov-01	97.00%			77.78%	14	18			NO
Dec-01	97.00%			87.50%	7	8			NO
Jan-02	97.00%			88.37%	38	43			NO
Feb-02	97.00%			70.97%	22	31			NO
Mar-02	97.00%			95.24%	40	42			NO

Note 1: ATTORNEY-CLIENT PRIVILEGED DOCUMENT. PREPARED IN ANTICIPATION OF LITIGATION.

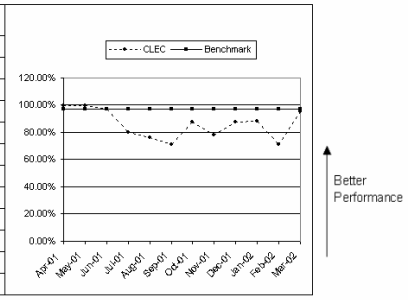


Chart B.1.8.14 – March 2002 – 2.6 System Output (Official Results)

B.1.8.14 Other Design/GA (%)

	Benchmark	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
Apr-01	85.00%			97.87%	138	141			YES
May-01	85.00%			100.00%	17	17			YES
Jun-01	85.00%			100.00%	18	18			YES
Jul-01	85.00%			81.82%	9	11			NO
Aug-01	85.00%			96.59%	85	88			YES
Sep-01	85.00%			97.30%	72	74			YES
Oct-01	85.00%			98.32%	117	119			YES
Nov-01	85.00%			98.74%	157	159			YES
Dec-01	85.00%			100.00%	102	102			YES
Jan-02	85.00%			99.53%	210	211			YES
Feb-02	85.00%			100.00%	146	146			YES
Mar-02	85.00%			99.44%	178	179			YES

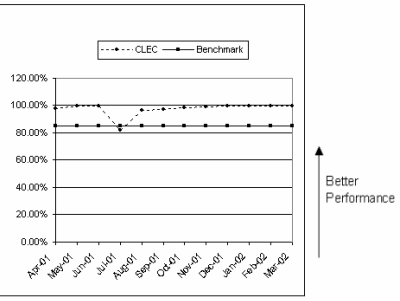


Chart B.1.8.14 – March 2002 – 4.0 System Output (Non-Official Results)

B.1.8.14 Other Design/GA (%)

	Benchmark	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
Apr-01	85.00%			97.87%	138	141			YES
May-01	85.00%			100.00%	17	17			YES
Jun-01	85.00%			100.00%	18	18			YES
Jul-01	85.00%			81.82%	9	11			NO
Aug-01	85.00%			96.59%	85	88			YES
Sep-01	85.00%			97.30%	72	74			YES
Oct-01	85.00%			98.32%	117	119			YES
Nov-01	85.00%			98.74%	157	159			YES
Dec-01	85.00%			100.00%	102	102			YES
Jan-02	85.00%			99.53%	210	211			YES
Feb-02	85.00%			100.00%	146	146			YES
Mar-02	85.00%			99.44%	176	177			YES

Note 1: ATTORNEY-CLIENT PRIVILEGED DOCUMENT. PREPARED IN ANTICIPATION OF LITIGATION.

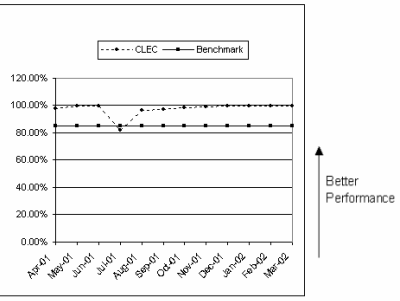


Chart B.1.8.14 – April 2002 – 2.6 System Output (Non-Official Results)

B.1.8.14 Other Design/GA (%)

	Benchmark	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
May-01	85.00%			100.00%	17	17			YES
Jun-01	85.00%			100.00%	18	18			YES
Jul-01	85.00%			81.82%	9	11			NO
Aug-01	85.00%			96.59%	85	88			YES
Sep-01	85.00%			97.30%	72	74			YES
Oct-01	85.00%			98.32%	117	119			YES
Nov-01	85.00%			98.74%	157	159			YES
Dec-01	85.00%			100.00%	102	102			YES
Jan-02	85.00%			99.53%	210	211			YES
Feb-02	85.00%			100.00%	146	146			YES
Mar-02	85.00%			99.44%	178	179			YES
Apr-02	85.00%			100.00%	151	151			YES

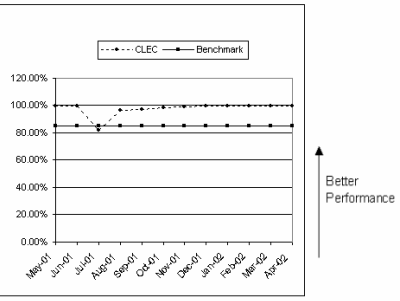
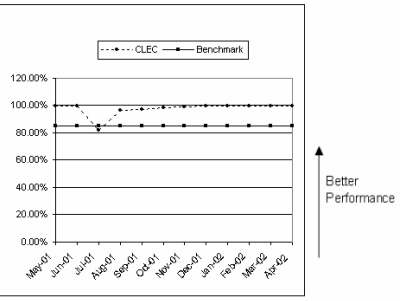


Chart B.1.8.14 – April 2002 – 4.0 System Output (Official Results)

B.1.8.14 Other Design/GA (%)

	Benchmark	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
May-01	85.00%			100.00%	17	17			YES
Jun-01	85.00%			100.00%	18	18			YES
Jul-01	85.00%			81.82%	9	11			NO
Aug-01	85.00%			96.59%	85	88			YES
Sep-01	85.00%			97.30%	72	74			YES
Oct-01	85.00%			98.32%	117	119			YES
Nov-01	85.00%			98.74%	157	159			YES
Dec-01	85.00%			100.00%	102	102			YES
Jan-02	85.00%			99.53%	210	211			YES
Feb-02	85.00%			100.00%	146	146			YES
Mar-02	85.00%			99.44%	178	179			YES
Apr-02	85.00%			100.00%	203	203			YES



Difference Quantification

For the 'Other Design' product disaggregation, PMAP 4.0 is reporting higher volumes.

Difference Explanation

Improved product identification routines in PMAP 4.0 identify products at a much more granular level. In the case of the Other Design product group in the Ordering area, PMAP 4.0 derives this product grouping based on 162 combinations of source system, requisition type code, general class of service code, service type code, network channel code (NC), network channel interface code (NCI), and secondary network channel interface code (SECNCI). PMAP 4.0 maps the products shown in Appendix II to this disaggregation (PMAP 4.0 Group ID 483). In PMAP 2.6, only one product ID (UNE DS1 Local Loop) was mapped to this disaggregation. In April, there were 48 Product ID 173 (UNE DS1 Non-Channelized Local Loop), 2 Product ID 174 (UNE DS3 Non-Channelized Local Loop), and 2 Product ID 194 (UNE Dedicated Transport – Dark Fiber Local Loop) records that were included. PMAP 2.6 product ID 86 (UNE DS1 Local Loop) maps to this group (2.6 Group ID 3160).

See Appendix III for general information about product identification rules.

Line Sharing

March Research Data

Chart Reference(s):	Partially Mechanized (UNE)	B.1.7.7
	Non-Mechanized (UNE)	B.1.8.7

April Research Data

Chart Reference(s):	Partially Mechanized (UNE)	B.1.7.7
	Non-Mechanized (UNE)	B.1.8.7

Chart Reference

Chart B.1.7.7 – March 2002 – 2.6 System Output (Official Results)

B.1.7.7 Line Sharing/GA (%)

	Benchmark	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
Apr-01	85.00%								
May-01	85.00%								
Jun-01	85.00%								
Jul-01	85.00%								
Aug-01	85.00%			0.00%	0	1			NO
Sep-01	85.00%								
Oct-01	85.00%			100.00%	7	7			YES
Nov-01	85.00%			100.00%	8	8			YES
Dec-01	85.00%			80.00%	16	20			NO
Jan-02	85.00%			67.74%	21	31			NO
Feb-02	85.00%			86.67%	52	60			YES
Mar-02	85.00%			83.48%	96	115			NO

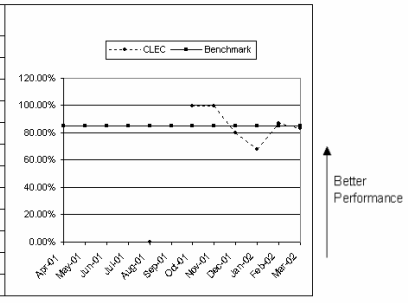


Chart B.1.7.7 – March 2002 – 4.0 System Output (Non-Official Results)

B.1.7.7 Line Sharing/GA (%)

	Benchmark	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
Apr-01	85.00%								
May-01	85.00%								
Jun-01	85.00%								
Jul-01	85.00%								
Aug-01	85.00%			0.00%	0	1			NO
Sep-01	85.00%								
Oct-01	85.00%			100.00%	7	7			YES
Nov-01	85.00%			100.00%	8	8			YES
Dec-01	85.00%			80.00%	16	20			NO
Jan-02	85.00%			67.74%	21	31			NO
Feb-02	85.00%			86.67%	52	60			YES
Mar-02	85.00%			74.77%	83	111			NO

Note 1: ATTORNEY-CLIENT PRIVILEGED DOCUMENT. PREPARED IN ANTICIPATION OF LITIGATION.

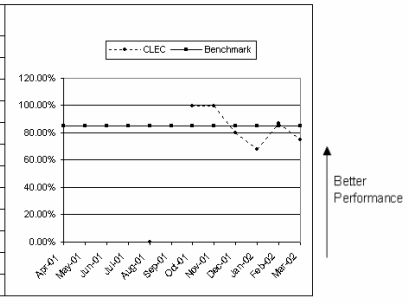


Chart B.1.7.7 – April 2002 – 2.6 System Output (Non-Official Results)

B.1.7.7 Line Sharing/GA (%)

	Benchmark	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
May-01	85.00%								
Jun-01	85.00%								
Jul-01	85.00%								
Aug-01	85.00%			0.00%	0	1			NO
Sep-01	85.00%								
Oct-01	85.00%			100.00%	7	7			YES
Nov-01	85.00%			100.00%	8	8			YES
Dec-01	85.00%			80.00%	16	20			NO
Jan-02	85.00%			67.74%	21	31			NO
Feb-02	85.00%			86.67%	52	60			YES
Mar-02	85.00%			83.48%	96	115			NO
Apr-02	85.00%			90.43%	85	94			YES

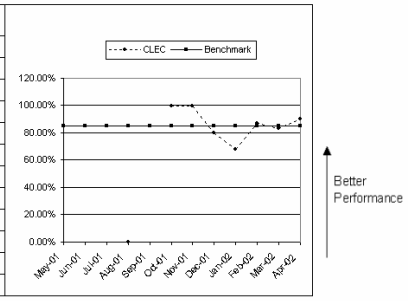


Chart B.1.7.7 – April 2002 – 4.0 System Output (Official Results)

B.1.7.7 Line Sharing/GA (%)

	Benchmark	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
May-01	85.00%								
Jun-01	85.00%								
Jul-01	85.00%								
Aug-01	85.00%			0.00%	0	1			NO
Sep-01	85.00%								
Oct-01	85.00%			100.00%	7	7			YES
Nov-01	85.00%			100.00%	8	8			YES
Dec-01	85.00%			80.00%	16	20			NO
Jan-02	85.00%			67.74%	21	31			NO
Feb-02	85.00%			86.67%	52	60			YES
Mar-02	85.00%			83.48%	96	115			NO
Apr-02	85.00%			89.53%	77	86			YES

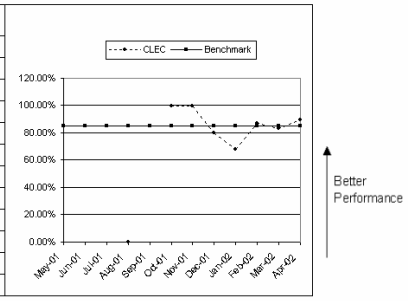


Chart B.1.8.7 – March 2002 – 2.6 System Output (Official Results)

B.1.8.7 Line Sharing/GA (%)

	Benchmark	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
Apr-01	85.00%			90.91%	20	22			YES
May-01	85.00%			89.66%	26	29			YES
Jun-01	85.00%			100.00%	36	36			YES
Jul-01	85.00%			97.06%	33	34			YES
Aug-01	85.00%			100.00%	26	26			YES
Sep-01	85.00%			100.00%	22	22			YES
Oct-01	85.00%			100.00%	8	8			YES
Nov-01	85.00%			100.00%	13	13			YES
Dec-01	85.00%			100.00%	10	10			YES
Jan-02	85.00%			96.43%	27	28			YES
Feb-02	85.00%			100.00%	40	40			YES
Mar-02	85.00%			100.00%	38	38			YES

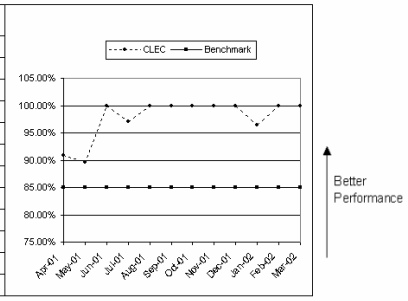
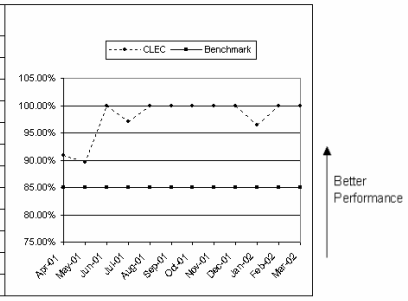


Chart B.1.8.7 – March 2002 – 4.0 System Output (Non-Official Results)

B.1.8.7 Line Sharing/GA (%)

	Benchmark	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
Apr-01	85.00%			90.91%	20	22			YES
May-01	85.00%			89.66%	26	29			YES
Jun-01	85.00%			100.00%	36	36			YES
Jul-01	85.00%			97.06%	33	34			YES
Aug-01	85.00%			100.00%	26	26			YES
Sep-01	85.00%			100.00%	22	22			YES
Oct-01	85.00%			100.00%	8	8			YES
Nov-01	85.00%			100.00%	13	13			YES
Dec-01	85.00%			100.00%	10	10			YES
Jan-02	85.00%			96.43%	27	28			YES
Feb-02	85.00%			100.00%	40	40			YES
Mar-02	85.00%			100.00%	36	36			YES



Note 1: ATTORNEY-CLIENT PRIVILEGED DOCUMENT. PREPARED IN ANTICIPATION OF LITIGATION.

Chart B.1.8.7 – April 2002 – 2.6 System Output (Non-Official Results)

B.1.8.7 Line Sharing/GA (%)

	Benchmark	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
May-01	85.00%			89.66%	26	29			YES
Jun-01	85.00%			100.00%	36	36			YES
Jul-01	85.00%			97.06%	33	34			YES
Aug-01	85.00%			100.00%	26	26			YES
Sep-01	85.00%			100.00%	22	22			YES
Oct-01	85.00%			100.00%	8	8			YES
Nov-01	85.00%			100.00%	13	13			YES
Dec-01	85.00%			100.00%	10	10			YES
Jan-02	85.00%			96.43%	27	28			YES
Feb-02	85.00%			100.00%	40	40			YES
Mar-02	85.00%			100.00%	38	38			YES
Apr-02	85.00%			100.00%	30	30			YES

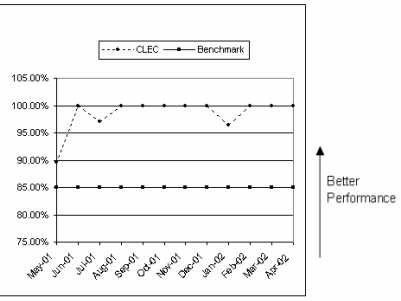
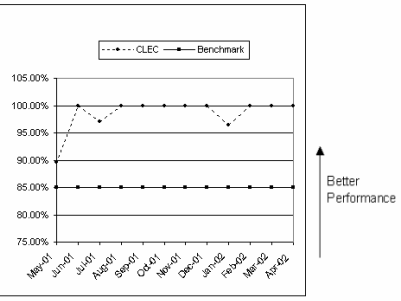


Chart B.1.8.7 – April 2002 – 4.0 System Output (Official Results)

B.1.8.7 Line Sharing/GA (%)

	Benchmark	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
May-01	85.00%			89.66%	26	29			YES
Jun-01	85.00%			100.00%	36	36			YES
Jul-01	85.00%			97.06%	33	34			YES
Aug-01	85.00%			100.00%	26	26			YES
Sep-01	85.00%			100.00%	22	22			YES
Oct-01	85.00%			100.00%	8	8			YES
Nov-01	85.00%			100.00%	13	13			YES
Dec-01	85.00%			100.00%	10	10			YES
Jan-02	85.00%			96.43%	27	28			YES
Feb-02	85.00%			100.00%	40	40			YES
Mar-02	85.00%			100.00%	38	38			YES
Apr-02	85.00%			100.00%	29	29			YES



Difference Quantification

PMAP 4.0 reported less rejects for this disaggregation than PMAP 2.6. In March 4.0 Partially Mechanized was 4 lower and 8 lower in April. In March 4.0 Non-Mechanized was 2 lower and 1 lower in April.

Difference Explanation

The differences with line sharing are caused by a multi response timestamp sequencing issue. If a response (for example: a clarification) is processed after a previous response (such as a FOC) and the time of the second response is before or after the time of the first response, the second response is not flagged for measure inclusion and calculation. A detailed example is included below to illustrate the problem. Notice the start times on both PONs presented – a reject was posted, but the start time of the transaction differs from the previous start times, and they should all be the same. PMAP 4.0 is properly identifying the reject, but because the start time is out of sequence with the previous starts, it is not flagged for inclusion in the measure.

START_TIME	STOP_TIME	FATAL_IND	REJ_IND	FOC_IND	JEP_IND	CN_IND	CA_IND	CC	PON		VER
08-Mar-02 19:37:28	13-mar-02 13:17:39	N	N	Y	N	N	N	7871	1501533D	00	
08-Mar-02 19:37:28	13-mar-02 16:55:20	N	N	N	N	Y	N	7871	1501533D	00	
08-mar-02 19:37:30	09-Mar-02 06:02:13	N	Y	N	N	N	N	7871	1501533D	00	

START_TIME	STOP_TIME	FATAL_IND	REJ_IND	FOC_IND	JEP_IND	CN_IND	CA_IND	CC	PON		VER
15-Mar-02 05:42:38	15-mar-02 12:20:19	N	N	Y	N	N	N	7871	1531153	00	
15-Mar-02 05:42:38	20-mar-02 17:17:41	N	N	N	N	Y	N	7871	1531153	00	
15-mar-02 05:42:41	15-Mar-02 12:05:59	N	Y	N	N	N	N	7871	1531153	00	

2Wire Analog Loop - Design

March Research Data

Chart Reference(s):	Partially Mechanized (UNE)	B.1.7.8
	Non-Mechanized (UNE)	B.1.8.8

April Research Data

Chart Reference(s):	Mechanized (UNE)	B.1.4.8
	Partially Mechanized (UNE)	B.1.7.8
	Non-Mechanized (UNE)	B.1.8.8

Chart Reference

Chart B.1.4.8 – April 2002 – 2.6 System Output (Non-Official Results)

B.1.4.8 2W Analog Loop Design/GA (%)

	Benchmark	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
May-01	97.00%			96.81%	91	94			NO
Jun-01	97.00%			98.10%	155	158			YES
Jul-01	97.00%			97.00%	97	100			YES
Aug-01	97.00%			77.88%	88	113			NO
Sep-01	97.00%			91.07%	102	112			NO
Oct-01	97.00%			73.58%	78	106			NO
Nov-01	97.00%			75.73%	78	103			NO
Dec-01	97.00%			88.60%	101	114			NO
Jan-02	97.00%			82.56%	71	86			NO
Feb-02	97.00%			91.67%	77	84			NO
Mar-02	97.00%			86.44%	102	118			NO
Apr-02	97.00%			85.88%	146	170			NO

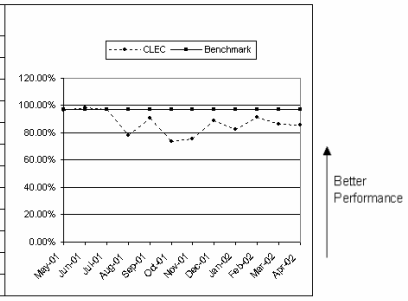


Chart B.1.4.8 – April 2002 – 4.0 System Output (Official Results)

B.1.4.8 2W Analog Loop Design/GA (%)

	Benchmark	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
May-01	97.00%			96.81%	91	94			NO
Jun-01	97.00%			98.10%	155	158			YES
Jul-01	97.00%			97.00%	97	100			YES
Aug-01	97.00%			77.88%	88	113			NO
Sep-01	97.00%			91.07%	102	112			NO
Oct-01	97.00%			73.58%	78	106			NO
Nov-01	97.00%			75.73%	78	103			NO
Dec-01	97.00%			88.60%	101	114			NO
Jan-02	97.00%			82.56%	71	86			NO
Feb-02	97.00%			91.67%	77	84			NO
Mar-02	97.00%			86.44%	102	118			NO
Apr-02	97.00%			85.37%	140	164			NO

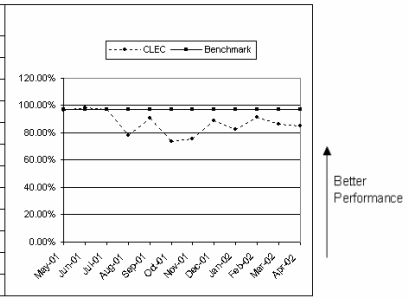


Chart B.1.7.8 – March 2002 – 2.6 System Output (Official Results)

B.1.7.8 2W Analog Loop Design/GA (%)

	Benchmark	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
Apr-01	85.00%								
May-01	85.00%								
Jun-01	85.00%								
Jul-01	85.00%								
Aug-01	85.00%			84.95%	79	93			NO
Sep-01	85.00%			77.55%	38	49			NO
Oct-01	85.00%			88.76%	79	89			YES
Nov-01	85.00%			76.92%	30	39			NO
Dec-01	85.00%			97.14%	68	70			YES
Jan-02	85.00%			92.77%	77	83			YES
Feb-02	85.00%			85.11%	40	47			YES
Mar-02	85.00%			86.79%	46	53			YES

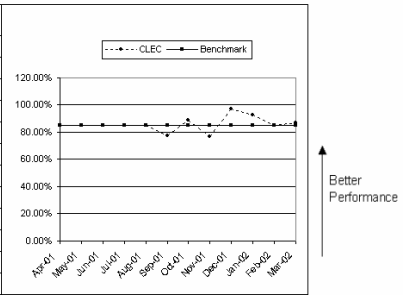


Chart B.1.7.8 – March 2002 – 4.0 System Output (Non-Official Results)

B.1.7.8 2W Analog Loop Design/GA (%)

	Benchmark	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
Apr-01	85.00%								
May-01	85.00%								
Jun-01	85.00%								
Jul-01	85.00%								
Aug-01	85.00%			84.95%	79	93			NO
Sep-01	85.00%			77.55%	38	49			NO
Oct-01	85.00%			88.76%	79	89			YES
Nov-01	85.00%			76.92%	30	39			NO
Dec-01	85.00%			97.14%	68	70			YES
Jan-02	85.00%			92.77%	77	83			YES
Feb-02	85.00%			85.11%	40	47			YES
Mar-02	85.00%			94.00%	47	50			YES

Note 1: ATTORNEY-CLIENT PRIVILEGED DOCUMENT. PREPARED IN ANTICIPATION OF LITIGATION.

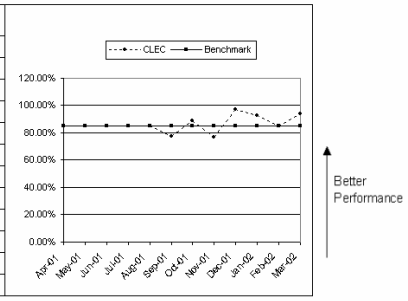


Chart B.1.7.8 – April 2002 – 2.6 System Output (Non-Official Results)

B.1.7.8 2W Analog Loop Design/GA (%)

	Benchmark	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
May-01	85.00%								
Jun-01	85.00%								
Jul-01	85.00%								
Aug-01	85.00%			84.95%	79	93			NO
Sep-01	85.00%			77.55%	38	49			NO
Oct-01	85.00%			88.76%	79	89			YES
Nov-01	85.00%			76.92%	30	39			NO
Dec-01	85.00%			97.14%	68	70			YES
Jan-02	85.00%			92.77%	77	83			YES
Feb-02	85.00%			85.11%	40	47			YES
Mar-02	85.00%			86.79%	46	53			YES
Apr-02	85.00%			98.61%	71	72			YES

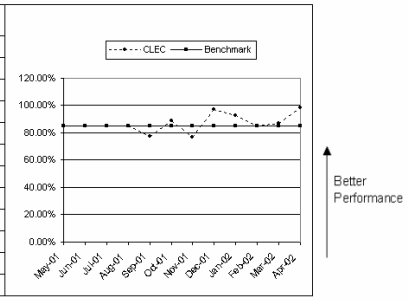


Chart B.1.7.8 – April 2002 – 4.0 System Output (Official Results)

B.1.7.8 2W Analog Loop Design/GA (%)

	Benchmark	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
May-01	85.00%								
Jun-01	85.00%								
Jul-01	85.00%								
Aug-01	85.00%			84.95%	79	93			NO
Sep-01	85.00%			77.55%	38	49			NO
Oct-01	85.00%			88.76%	79	89			YES
Nov-01	85.00%			76.92%	30	39			NO
Dec-01	85.00%			97.14%	68	70			YES
Jan-02	85.00%			92.77%	77	83			YES
Feb-02	85.00%			85.11%	40	47			YES
Mar-02	85.00%			86.79%	46	53			YES
Apr-02	85.00%			100.00%	70	70			YES

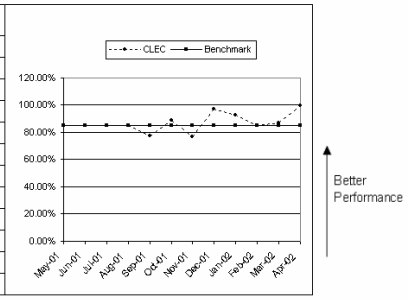


Chart B.1.8.8 – March 2002 – 2.6 System Output (Official Results)

B.1.8.8 2W Analog Loop Design/GA (%)

	Benchmark	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
Apr-01	85.00%			97.06%	33	34			YES
May-01	85.00%			100.00%	2	2			YES
Jun-01	85.00%			100.00%	7	7			YES
Jul-01	85.00%			100.00%	6	6			YES
Aug-01	85.00%			98.53%	67	68			YES
Sep-01	85.00%			100.00%	46	46			YES
Oct-01	85.00%			100.00%	84	84			YES
Nov-01	85.00%			100.00%	93	93			YES
Dec-01	85.00%			98.53%	67	68			YES
Jan-02	85.00%			98.55%	68	69			YES
Feb-02	85.00%			100.00%	48	48			YES
Mar-02	85.00%			100.00%	22	22			YES

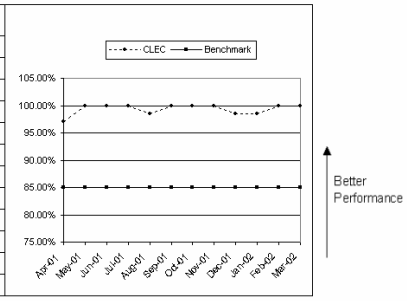


Chart B.1.8.8 – March 2002 – 4.0 System Output (Non-Official Results)

B.1.8.8 2W Analog Loop Design/GA (%)

	Benchmark	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
Apr-01	85.00%			97.06%	33	34			YES
May-01	85.00%			100.00%	2	2			YES
Jun-01	85.00%			100.00%	7	7			YES
Jul-01	85.00%			100.00%	6	6			YES
Aug-01	85.00%			98.53%	67	68			YES
Sep-01	85.00%			100.00%	46	46			YES
Oct-01	85.00%			100.00%	84	84			YES
Nov-01	85.00%			100.00%	93	93			YES
Dec-01	85.00%			98.53%	67	68			YES
Jan-02	85.00%			98.55%	68	69			YES
Feb-02	85.00%			100.00%	48	48			YES
Mar-02	85.00%			100.00%	18	18			YES

Note 1: ATTORNEY-CLIENT PRIVILEGED DOCUMENT. PREPARED IN ANTICIPATION OF LITIGATION.

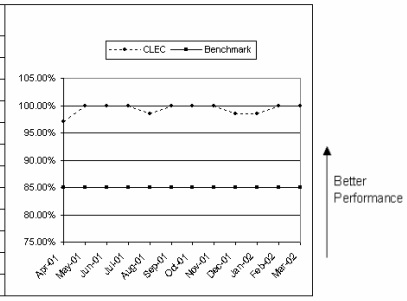


Chart B.1.8.8 – April 2002 – 2.6 System Output (Non-Official Results)

B.1.8.8 2W Analog Loop Design/GA (%)

	Benchmark	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
May-01	85.00%			100.00%	2	2			YES
Jun-01	85.00%			100.00%	7	7			YES
Jul-01	85.00%			100.00%	6	6			YES
Aug-01	85.00%			98.53%	67	68			YES
Sep-01	85.00%			100.00%	46	46			YES
Oct-01	85.00%			100.00%	84	84			YES
Nov-01	85.00%			100.00%	93	93			YES
Dec-01	85.00%			98.53%	67	68			YES
Jan-02	85.00%			98.55%	68	69			YES
Feb-02	85.00%			100.00%	48	48			YES
Mar-02	85.00%			100.00%	22	22			YES
Apr-02	85.00%			100.00%	37	37			YES

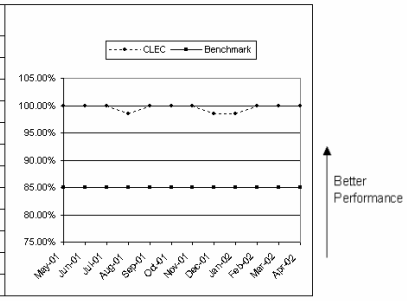
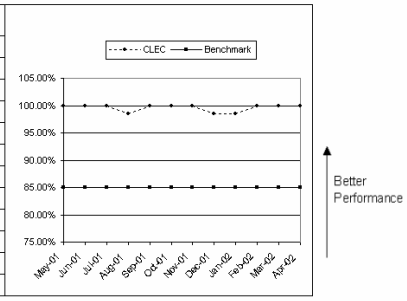


Chart B.1.8.8 – April 2002 – 4.0 System Output (Official Results)

B.1.8.8 2W Analog Loop Design/GA (%)

	Benchmark	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
May-01	85.00%			100.00%	2	2			YES
Jun-01	85.00%			100.00%	7	7			YES
Jul-01	85.00%			100.00%	6	6			YES
Aug-01	85.00%			98.53%	67	68			YES
Sep-01	85.00%			100.00%	46	46			YES
Oct-01	85.00%			100.00%	84	84			YES
Nov-01	85.00%			100.00%	93	93			YES
Dec-01	85.00%			98.53%	67	68			YES
Jan-02	85.00%			98.55%	68	69			YES
Feb-02	85.00%			100.00%	48	48			YES
Mar-02	85.00%			100.00%	22	22			YES
Apr-02	85.00%			100.00%	27	27			YES



Difference Quantification

For 2 Wire Voice Grade Loop – Design (also known as 2 Wire Analog Loop – Design), March Partial Mech PMAP 4.0 data was less by 3 records, and Non-Mechanized PMAP 4.0 data was less by 4 records. In April, PMAP 4.0 was less by 6, 2, and 10 in Mech, Part Mech, and Non-Mechanized respectively.

Difference Explanation

There are three issues affecting data for this product in PMAP 4.0.

1. Product Identification – Improved product identification routines in PMAP 4.0 identify products at a much more granular level. In the case of the 2 Wire Voice Grade Loop – Design product group in the Ordering area, PMAP 4.0 derives this product grouping based on a combinations of source system, requisition type code, general class of service code, service type code, network channel code (NC), network channel interface code (NCI), and secondary network channel interface code (SECNCI) field identifiers. In PMAP 2.6, the broad product ID 75 (UNE 2W Analog Loop Design w/o NP) is mapped to this disaggregation. PMAP 4.0 maps the products shown in the table below to this disaggregation (PMAP 4.0 Group ID 468). The affected record in April was classified as product ID 996 (UNE Other Loops w/o NP) and was not included in this disaggregation.

Prod ID	Product Description
123	UNE 2W Analog Loop Design (Ground Start) w/o NP
124	UNE 2W Analog Loop Design (Loop Start) w/o NP
125	UNE 2W Analog Loop Design (Reverse Battery) w/o NP

2. Multi Response Sequencing – The differences are caused by a multi response timestamp sequencing issue. If a response (for example: a clarification) is processed after a previous response (such as a FOC) and the time of the second response is before or after the time of the first response, the second response is not flagged for measure inclusion and calculation. A detailed example is included below to illustrate the problem. Notice the start times on both PONs presented – a reject was posted, but the start time of the transaction differs from the previous

start times, and they should all be the same. PMAP 4.0 is properly identifying the reject, but because the start time is out of sequence with the previous starts, it is not flagged for inclusion in the measure.

START_TIME	STOP_TIME	FATAL_IND	REJ_IND	FOC_IND	JEP_IND	CN_IND	CA_IND	CC	PON	VER
08-Mar-02 19:37:28	13-mar-02 13:17:39	N	N	Y	N	N	N	7871	1501533D	00
08-Mar-02 19:37:28	13-mar-02 16:55:20	N	N	N	N	Y	N	7871	1501533D	00
08-mar-02 19:37:30	09-Mar-02 06:02:13	N	Y	N	N	N	N	7871	1501533D	00

START_TIME	STOP_TIME	FATAL_IND	REJ_IND	FOC_IND	JEP_IND	CN_IND	CA_IND	CC	PON	VER
15-Mar-02 05:42:38	15-mar-02 12:20:19	N	N	Y	N	N	N	7871	1531153	00
15-Mar-02 05:42:38	20-mar-02 17:17:41	N	N	N	N	Y	N	7871	1531153	00
15-mar-02 05:42:41	15-Mar-02 12:05:59	N	Y	N	N	N	N	7871	1531153	00

3. Record Validation Rules – in certain cases, additional validation processes in PMAP 4.0 exclude source data that contains errors. These are tracked and researched by placing these records in error tables in the database so they can be researched and validated.

Records affected by each issue

	March			April		
Disaggregation	Issue #1	Issue #2	Issue #3	Issue #1	Issue #2	Issue #3
Mech					1	5
Part Mech		1	2			2
Non Mech			4	1		9

See Appendix III for general information about product identification rules.

2Wire Analog Loop – Non-Design

March Research Data

Chart Reference(s):	Partially Mechanized (UNE)	B.1.7. 9
	Non-Mechanized (UNE)	B.1.8.9

April Research Data

Chart Reference(s):	Partially Mechanized (UNE)	B.1.7.9
	Non-Mechanized (UNE)	B.1.8.9

Chart Reference

Chart B.1.7.9 – March 2002 – 2.6 System Output (Official Results)

B.1.7.9 2W Analog Loop Non-Design/GA (%)

	Benchmark	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
Apr-01	85.00%								
May-01	85.00%								
Jun-01	85.00%								
Jul-01	85.00%								
Aug-01	85.00%			100.00%	11	11			YES
Sep-01	85.00%			90.91%	10	11			YES
Oct-01	85.00%			80.00%	24	30			NO
Nov-01	85.00%			92.31%	48	52			YES
Dec-01	85.00%			86.05%	37	43			YES
Jan-02	85.00%			92.50%	37	40			YES
Feb-02	85.00%			96.67%	29	30			YES
Mar-02	85.00%			82.76%	24	29			NO

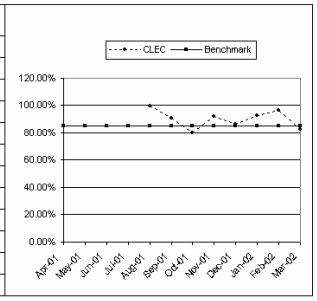


Chart B.1.7.9 – March 2002 – 4.0 System Output (Non-Official Results)

B.1.7.9 2W Analog Loop Non-Design/GA (%)

	Benchmark	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
Apr-01	85.00%								
May-01	85.00%								
Jun-01	85.00%								
Jul-01	85.00%								
Aug-01	85.00%			100.00%	11	11			YES
Sep-01	85.00%			90.91%	10	11			YES
Oct-01	85.00%			80.00%	24	30			NO
Nov-01	85.00%			92.31%	48	52			YES
Dec-01	85.00%			86.05%	37	43			YES
Jan-02	85.00%			92.50%	37	40			YES
Feb-02	85.00%			96.67%	29	30			YES
Mar-02	85.00%			82.14%	23	28			NO

Note 1: ATTORNEY-CLIENT PRIVILEGED DOCUMENT. PREPARED IN ANTICIPATION OF LITIGATION.

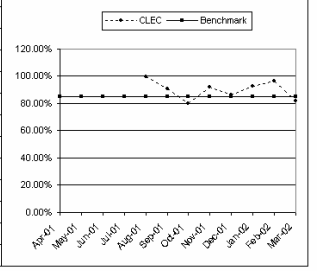


Chart B.1.7.9 – April 2002 – 2.6 System Output (Non-Official Results)

B.1.7.9 2W Analog Loop Non-Design/GA (%)

	Benchmark	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
May-01	85.00%								
Jun-01	85.00%								
Jul-01	85.00%								
Aug-01	85.00%			100.00%	11	11			YES
Sep-01	85.00%			90.91%	10	11			YES
Oct-01	85.00%			80.00%	24	30			NO
Nov-01	85.00%			92.31%	48	52			YES
Dec-01	85.00%			86.05%	37	43			YES
Jan-02	85.00%			92.50%	37	40			YES
Feb-02	85.00%			96.67%	29	30			YES
Mar-02	85.00%			82.76%	24	29			NO
Apr-02	85.00%			95.65%	22	23			YES

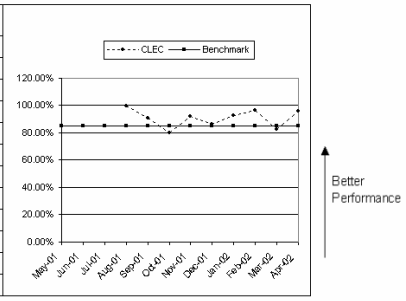


Chart B.1.7.9 – April 2002 – 4.0 System Output (Official Results)

B.1.7.9 2W Analog Loop Non-Design/GA (%)

	Benchmark	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
May-01	85.00%								
Jun-01	85.00%								
Jul-01	85.00%								
Aug-01	85.00%			100.00%	11	11			YES
Sep-01	85.00%			90.91%	10	11			YES
Oct-01	85.00%			80.00%	24	30			NO
Nov-01	85.00%			92.31%	48	52			YES
Dec-01	85.00%			86.05%	37	43			YES
Jan-02	85.00%			92.50%	37	40			YES
Feb-02	85.00%			96.67%	29	30			YES
Mar-02	85.00%			82.76%	24	29			NO
Apr-02	85.00%			95.45%	21	22			YES

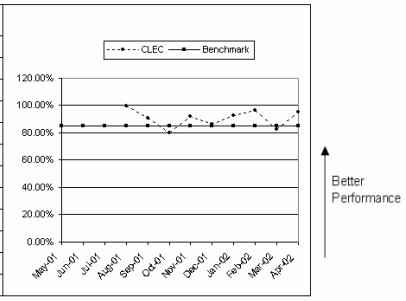


Chart B.1.8.9 – March 2002 – 2.6 System Output (Official Results)

B.1.8.9 2W Analog Loop Non-Design/GA (%)

	Benchmark	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
Apr-01	85.00%								
May-01	85.00%			95.69%	577	603			YES
Jun-01	85.00%			95.60%	521	545			YES
Jul-01	85.00%			94.90%	540	569			YES
Aug-01	85.00%			99.52%	419	421			YES
Sep-01	85.00%			99.35%	305	307			YES
Oct-01	85.00%			99.58%	474	476			YES
Nov-01	85.00%			100.00%	269	269			YES
Dec-01	85.00%			100.00%	221	221			YES
Jan-02	85.00%			99.47%	187	188			YES
Feb-02	85.00%			100.00%	346	346			YES
Mar-02	85.00%			100.00%	205	205			YES

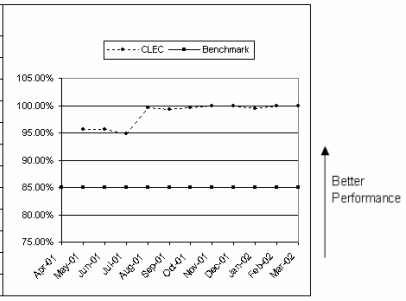
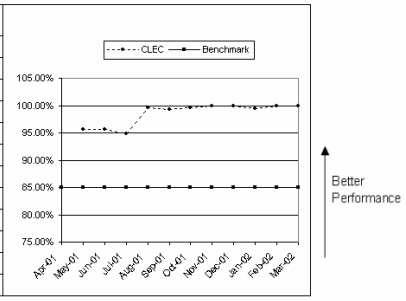


Chart B.1.8.9 – March 2002 – 4.0 System Output (Non-Official Results)

B.1.8.9 2W Analog Loop Non-Design/GA (%)

	Benchmark	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
Apr-01	85.00%								
May-01	85.00%			95.69%	577	603			YES
Jun-01	85.00%			95.60%	521	545			YES
Jul-01	85.00%			94.90%	540	569			YES
Aug-01	85.00%			99.52%	419	421			YES
Sep-01	85.00%			99.35%	305	307			YES
Oct-01	85.00%			99.58%	474	476			YES
Nov-01	85.00%			100.00%	269	269			YES
Dec-01	85.00%			100.00%	221	221			YES
Jan-02	85.00%			99.47%	187	188			YES
Feb-02	85.00%			100.00%	346	346			YES
Mar-02	85.00%			100.00%	73	73			YES



Note 1: ATTORNEY-CLIENT PRIVILEGED DOCUMENT. PREPARED IN ANTICIPATION OF LITIGATION.

Chart B.1.8.9 – April 2002 – 2.6 System Output (Non-Official Results)

B.1.8.9 2W Analog Loop Non-Design/GA (%)

	Benchmark	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
May-01	85.00%			95.69%	577	603			YES
Jun-01	85.00%			95.60%	521	545			YES
Jul-01	85.00%			94.90%	540	569			YES
Aug-01	85.00%			99.52%	419	421			YES
Sep-01	85.00%			99.35%	305	307			YES
Oct-01	85.00%			99.58%	474	476			YES
Nov-01	85.00%			100.00%	269	269			YES
Dec-01	85.00%			100.00%	221	221			YES
Jan-02	85.00%			99.47%	187	188			YES
Feb-02	85.00%			100.00%	346	346			YES
Mar-02	85.00%			100.00%	205	205			YES
Apr-02	85.00%			100.00%	163	163			YES

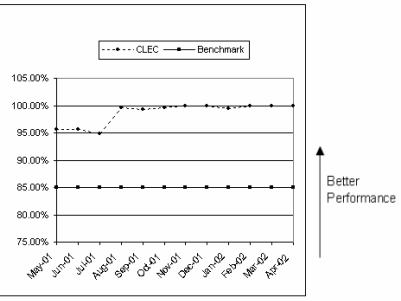
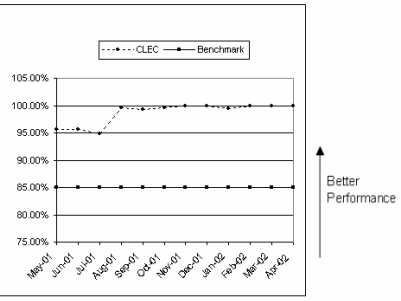


Chart B.1.8.9 – April 2002 – 4.0 System Output (Official Results)

B.1.8.9 2W Analog Loop Non-Design/GA (%)

	Benchmark	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
May-01	85.00%			95.69%	577	603			YES
Jun-01	85.00%			95.60%	521	545			YES
Jul-01	85.00%			94.90%	540	569			YES
Aug-01	85.00%			99.52%	419	421			YES
Sep-01	85.00%			99.35%	305	307			YES
Oct-01	85.00%			99.58%	474	476			YES
Nov-01	85.00%			100.00%	269	269			YES
Dec-01	85.00%			100.00%	221	221			YES
Jan-02	85.00%			99.47%	187	188			YES
Feb-02	85.00%			100.00%	346	346			YES
Mar-02	85.00%			100.00%	205	205			YES
Apr-02	85.00%			100.00%	150	150			YES



Difference Quantification

In March PMAP 4.0 data was 1 and 132 lower in Part Mech and Non-Mech respectively. In April PMAP 4.0 data was 1 and 13 less in Part Mech and Non-Mech respectively.

Difference Explanation

There are 2 issues affecting data on these charts.

1. Improved product identification routines in PMAP 4.0 identify products at a much more granular level. In the case of the 2 Wire Voice Grade Loop – Non-Design product group in the Ordering area, PMAP 4.0 derives this product grouping based on a combination of source system, requisition type code, general class of service code, service type code, network channel code (NC), network channel interface code (NCI), and secondary network channel interface code (SECNCI). PMAP 4.0 maps product ID 121 (UNE 2W Analog Loop Non-Design w/o NP) to this disaggregation (PMAP 4.0 Group ID 469).

Because of the additional check and input data about the LSR, a more extensive analysis of the product type can be performed by the software.

2. Multi-response sequencing - the differences are caused by a multi response timestamp sequencing issue. If a response (for example: a clarification) is processed after a previous response (such as a FOC) and the time of the second response is before or after the time of the first response, the second response is not flagged for measure inclusion and calculation. A detailed example is included below to illustrate the problem. Notice the start times on both PONs presented – a reject was posted, but the start time of the transaction differs from the previous start times, and they should all be the same. PMAP 4.0 is properly identifying the reject, but because the start time is out of sequence with the previous starts, it is not flagged for inclusion in the measure.

START_TIME	STOP_TIME	FATAL_IND	REJ_IND	FOC_IND	JEP_IND	CN_IND	CA_IND	CC	PON		VER
08-Mar-02 19:37:28	13-mar-02 13:17:39	N	N	Y	N	N	N	7871	1501533D	00	
08-Mar-02 19:37:28	13-mar-02 16:55:20	N	N	N	N	Y	N	7871	1501533D	00	
08-mar-02 19:37:30	09-Mar-02 06:02:13	N	Y	N	N	N	N	7871	1501533D	00	

START_TIME	STOP_TIME	FATAL_IND	REJ_IND	FOC_IND	JEP_IND	CN_IND	CA_IND	CC	PON		VER
15-Mar-02 05:42:38	15-mar-02 12:20:19	N	N	Y	N	N	N	7871	1531153	00	
15-Mar-02 05:42:38	20-mar-02 17:17:41	N	N	N	N	Y	N	7871	1531153	00	
15-mar-02 05:42:41	15-Mar-02 12:05:59	N	Y	N	N	N	N	7871	1531153	00	

Records affected by each issue:

	March		April	
Disaggregation	Issue #1	Issue #2	Issue #1	Issue #2
Mech				
Part Mech		1		1
Non Mech	132		13	

See Appendix III for general information about product identification rules.

Firm Order Confirmation (FOC) Timeliness

SQM Measure Reference: O-9

SQM Measure Description:

The Firm Order Confirmation Timeliness measure is intended to analyze the timeliness between CLEC submissions of a valid LSR to the time that an LSR has a Firm Order Confirmation back to a CLEC.

Combo Other

March Research Data

Chart Reference(s): Non-Mechanized (UNE) B.1.13.4

April Research Data

Chart Reference(s): Non-Mechanized (UNE) B.1.13.4

Chart Reference

Chart B.1.13.4– March 2002 – 2.6 System Output (Official Results)

B.1.13.4 Combo Other/GA (%)

	Benchmark	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
Apr-01	85.00%								
May-01	85.00%								
Jun-01	85.00%								
Jul-01	85.00%								
Aug-01	85.00%								
Sep-01	85.00%								
Oct-01	85.00%								
Nov-01	85.00%								
Dec-01	85.00%								
Jan-02	85.00%								
Feb-02	85.00%								
Mar-02	85.00%								

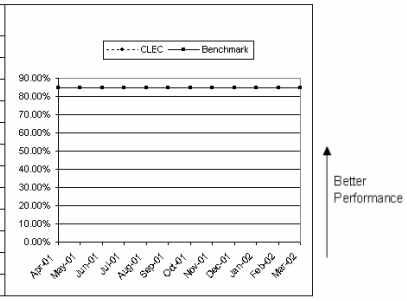
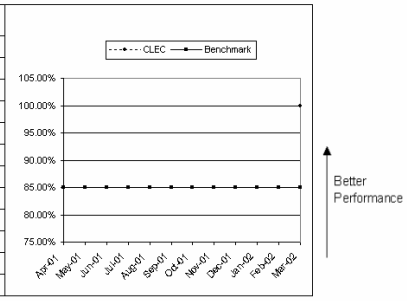


Chart B.1.13.4 – March 2002 – 4.0 System Output (Non-Official Results)

B.1.13.4 Combo Other/GA (%)

	Benchmark	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
Apr-01	85.00%								
May-01	85.00%								
Jun-01	85.00%								
Jul-01	85.00%								
Aug-01	85.00%								
Sep-01	85.00%								
Oct-01	85.00%								
Nov-01	85.00%								
Dec-01	85.00%								
Jan-02	85.00%								
Feb-02	85.00%								
Mar-02	85.00%			100.00%	107	107			YES



Note 1: ATTORNEY-CLIENT PRIVILEGED DOCUMENT. PREPARED IN ANTICIPATION OF LITIGATION.

Chart B.1.13.4 – April 2002 – 2.6 System Output (Non-Official Results)

B.1.13.4 Combo Other/GA (%)

	Benchmark	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
May-01	85.00%								
Jun-01	85.00%								
Jul-01	85.00%								
Aug-01	85.00%								
Sep-01	85.00%								
Oct-01	85.00%								
Nov-01	85.00%								
Dec-01	85.00%								
Jan-02	85.00%								
Feb-02	85.00%								
Mar-02	85.00%								
Apr-02	85.00%								

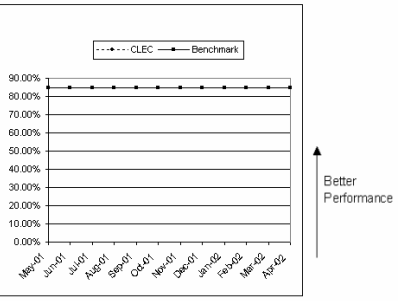
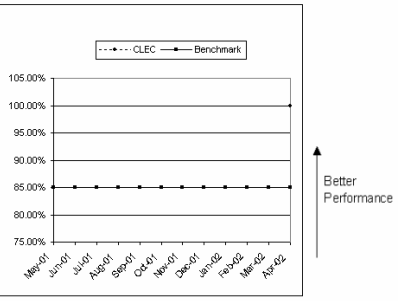


Chart B.1.13.4 –April 2002 – 4.0 System Output (Official Results)

B.1.13.4 Combo Other/GA (%)

	Benchmark	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
May-01	85.00%								
Jun-01	85.00%								
Jul-01	85.00%								
Aug-01	85.00%								
Sep-01	85.00%								
Oct-01	85.00%								
Nov-01	85.00%								
Dec-01	85.00%								
Jan-02	85.00%								
Feb-02	85.00%								
Mar-02	85.00%								
Apr-02	85.00%			100.00%	20	20			YES



Difference Quantification

PMAP 4.0 is displaying data for both analysis periods, whereas the 2.6 output does not show data.

Difference Explanation

PMAP 4.0 has identified LSRs which fit into this product grouping. The 127 (107+20) records identified by PMAP 4.0 were identified as Product ID '–1' in PMAP 2.6. Negative Product IDs are used in the PMAP system when adequate identification of the product cannot be performed. Because the system assigned this code as the product, a subsequent rollup into the 'Combo Other' grouping was not performed in the 2.6 environment.

In the case of the Combo Other product group in the Ordering area, PMAP 4.0 derives this product grouping based on 140 combinations of source system, requisition type code, general class of service code, service type code, network channel code (NC), network channel interface

code (NCI), and secondary network channel interface code (SECNCI). PMAP 4.0 maps the products shown in Appendix I to this product group (PMAP 4.0 Group ID 475).

PMAP 2.6 mapped product ID 190 (UNE Non-Switched Combos Including EELs) to this group (2.6 group ID 3120). The issues related to the population of this data are the same as what is presented in the Reject Interval Measure/Combo Other Section.

See Appendix III for general information about product identification rules.

ISDN Loop (UDN, UDC)

March Research Data

Chart Reference(s):	Mechanized (UNE)	B.1.9.6
	Partially Mechanized (UNE)	B.1.12.6
	Non-Mechanized (UNE)	B.1.13.6

April Research Data

Chart Reference(s):	Mechanized (UNE)	B.1.9.6
	Partially Mechanized (UNE)	B.1.12.6
	Non-Mechanized (UNE)	B.1.13.6

Chart Reference

Chart B.1.9.6– March 2002 – 2.6 System Output (Official Results)

B.1.9.6 ISDN Loop (UDN, UDC)/GA (%)

	Benchmark	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
Apr-01	95.00%								
May-01	95.00%			100.00%	1	1			YES
Jun-01	95.00%			100.00%	1	1			YES
Jul-01	95.00%								
Aug-01	95.00%								
Sep-01	95.00%			100.00%	13	13			YES
Oct-01	95.00%			100.00%	15	15			YES
Nov-01	95.00%			100.00%	7	7			YES
Dec-01	95.00%			100.00%	4	4			YES
Jan-02	95.00%			100.00%	10	10			YES
Feb-02	95.00%			100.00%	8	8			YES
Mar-02	95.00%			77.34%	99	128			NO

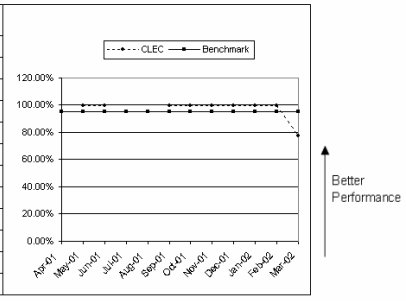
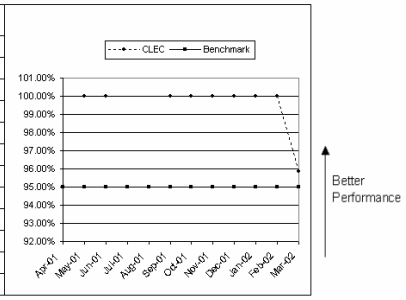


Chart B.1.9.6 – March 2002 – 4.0 System Output (Non-Official Results)

B.1.9.6 ISDN Loop (UDN, UDC)/GA (%)

	Benchmark	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
Apr-01	95.00%								
May-01	95.00%			100.00%	1	1			YES
Jun-01	95.00%			100.00%	1	1			YES
Jul-01	95.00%								
Aug-01	95.00%								
Sep-01	95.00%			100.00%	13	13			YES
Oct-01	95.00%			100.00%	15	15			YES
Nov-01	95.00%			100.00%	7	7			YES
Dec-01	95.00%			100.00%	4	4			YES
Jan-02	95.00%			100.00%	10	10			YES
Feb-02	95.00%			100.00%	8	8			YES
Mar-02	95.00%			95.87%	116	121			YES



Note 1: ATTORNEY-CLIENT PRIVILEGED DOCUMENT. PREPARED IN ANTICIPATION OF LITIGATION.

Chart B.1.9.6 – April 2002 – 2.6 System Output (Non-Official Results)

B.1.9.6 ISDN Loop (UDN, UDC)/GA (%)

	Benchmark	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
May-01	95.00%			100.00%	1	1			YES
Jun-01	95.00%			100.00%	1	1			YES
Jul-01	95.00%								
Aug-01	95.00%								
Sep-01	95.00%			100.00%	13	13			YES
Oct-01	95.00%			100.00%	15	15			YES
Nov-01	95.00%			100.00%	7	7			YES
Dec-01	95.00%			100.00%	4	4			YES
Jan-02	95.00%			100.00%	10	10			YES
Feb-02	95.00%			100.00%	8	8			YES
Mar-02	95.00%			77.34%	99	128			NO
Apr-02	95.00%			81.88%	131	160			NO

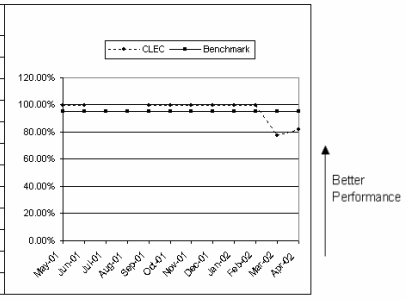


Chart B.1.9.6 –April 2002 – 4.0 System Output (Official Results)

B.1.9.6 ISDN Loop (UDN, UDC)/GA (%)

	Benchmark	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
May-01	95.00%			100.00%	1	1			YES
Jun-01	95.00%			100.00%	1	1			YES
Jul-01	95.00%								
Aug-01	95.00%								
Sep-01	95.00%			100.00%	13	13			YES
Oct-01	95.00%			100.00%	15	15			YES
Nov-01	95.00%			100.00%	7	7			YES
Dec-01	95.00%			100.00%	4	4			YES
Jan-02	95.00%			100.00%	10	10			YES
Feb-02	95.00%			100.00%	8	8			YES
Mar-02	95.00%			77.34%	99	128			NO
Apr-02	95.00%			96.08%	147	153			YES

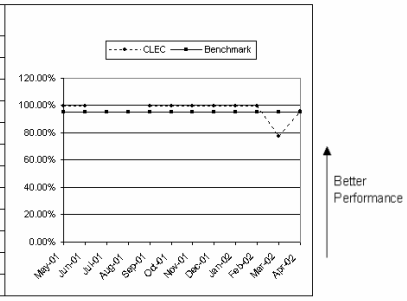


Chart B.1.12.6– March 2002 – 2.6 System Output (Official Results)

B.1.12.6 ISDN Loop (UDN, UDC)/GA (%)

	Benchmark	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
Apr-01	85.00%								
May-01	85.00%								
Jun-01	85.00%								
Jul-01	85.00%								
Aug-01	85.00%			100.00%	2	2			YES
Sep-01	85.00%								
Oct-01	85.00%			100.00%	2	2			YES
Nov-01	85.00%			100.00%	3	3			YES
Dec-01	85.00%								
Jan-02	85.00%			100.00%	5	5			YES
Feb-02	85.00%			96.15%	25	26			YES
Mar-02	85.00%			87.97%	329	374			YES

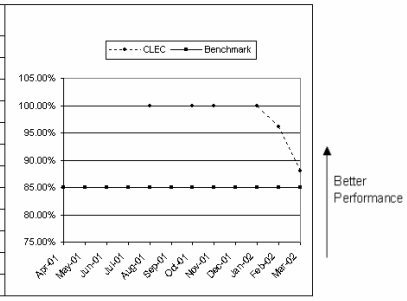
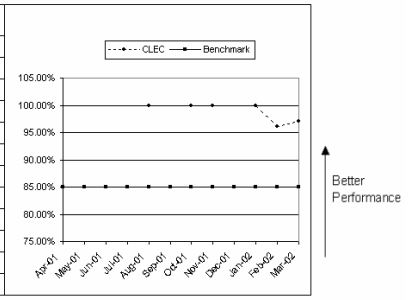


Chart B.1.12.6 – March 2002 – 4.0 System Output (Non-Official Results)

B.1.12.6 ISDN Loop (UDN, UDC)/GA (%)

	Benchmark	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
Apr-01	85.00%								
May-01	85.00%								
Jun-01	85.00%								
Jul-01	85.00%								
Aug-01	85.00%			100.00%	2	2			YES
Sep-01	85.00%								
Oct-01	85.00%			100.00%	2	2			YES
Nov-01	85.00%			100.00%	3	3			YES
Dec-01	85.00%								
Jan-02	85.00%			100.00%	5	5			YES
Feb-02	85.00%			96.15%	25	26			YES
Mar-02	85.00%			97.05%	362	373			YES



Note 1: ATTORNEY-CLIENT PRIVILEGED DOCUMENT. PREPARED IN ANTICIPATION OF LITIGATION.

Chart B.1.12.6 – April 2002 – 2.6 System Output (Non-Official Results)

B.1.12.6 ISDN Loop (UDN, UDC)/GA (%)

	Benchmark	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
May-01	85.00%								
Jun-01	85.00%								
Jul-01	85.00%								
Aug-01	85.00%			100.00%	2	2			YES
Sep-01	85.00%								
Oct-01	85.00%			100.00%	2	2			YES
Nov-01	85.00%			100.00%	3	3			YES
Dec-01	85.00%								
Jan-02	85.00%			100.00%	5	5			YES
Feb-02	85.00%			96.15%	25	26			YES
Mar-02	85.00%			87.97%	329	374			YES
Apr-02	85.00%			94.94%	338	356			YES

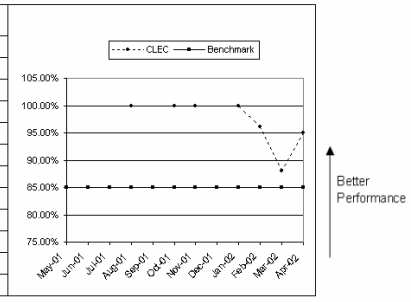


Chart B.1.12.6 –April 2002 – 4.0 System Output (Official Results)

B.1.12.6 ISDN Loop (UDN, UDC)/GA (%)

	Benchmark	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
May-01	85.00%								
Jun-01	85.00%								
Jul-01	85.00%								
Aug-01	85.00%			100.00%	2	2			YES
Sep-01	85.00%								
Oct-01	85.00%			100.00%	2	2			YES
Nov-01	85.00%			100.00%	3	3			YES
Dec-01	85.00%								
Jan-02	85.00%			100.00%	5	5			YES
Feb-02	85.00%			96.15%	25	26			YES
Mar-02	85.00%			87.97%	329	374			YES
Apr-02	85.00%			99.16%	354	357			YES

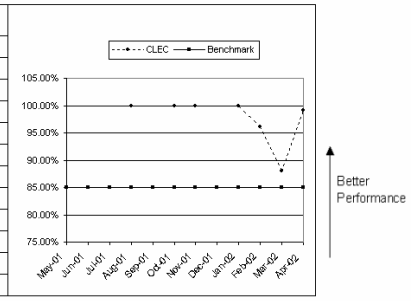


Chart B.1.13.6– March 2002 – 2.6 System Output (Official Results)

B.1.13.6 ISDN Loop (UDN, UDC)/GA (%)

	Benchmark	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
Apr-01	85.00%								
May-01	85.00%			100.00%	269	269			YES
Jun-01	85.00%			100.00%	99	99			YES
Jul-01	85.00%			99.12%	112	113			YES
Aug-01	85.00%			99.70%	666	668			YES
Sep-01	85.00%			100.00%	397	397			YES
Oct-01	85.00%			100.00%	380	380			YES
Nov-01	85.00%			99.39%	325	327			YES
Dec-01	85.00%			99.71%	346	347			YES
Jan-02	85.00%			100.00%	329	329			YES
Feb-02	85.00%			100.00%	382	382			YES
Mar-02	85.00%			100.00%	142	142			YES

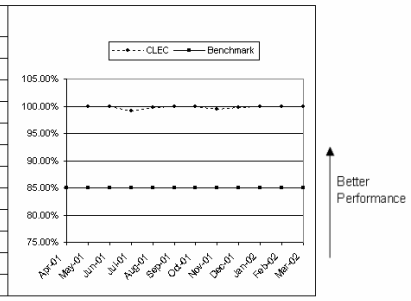
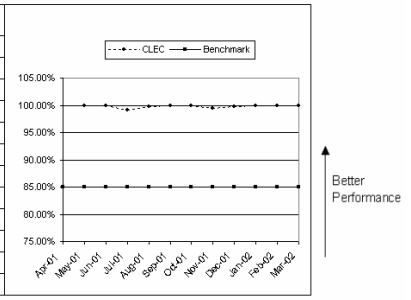


Chart B.1.13.6 – March 2002 – 4.0 System Output (Non-Official Results)

B.1.13.6 ISDN Loop (UDN, UDC)/GA (%)

	Benchmark	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
Apr-01	85.00%								
May-01	85.00%			100.00%	269	269			YES
Jun-01	85.00%			100.00%	99	99			YES
Jul-01	85.00%			99.12%	112	113			YES
Aug-01	85.00%			99.70%	666	668			YES
Sep-01	85.00%			100.00%	397	397			YES
Oct-01	85.00%			100.00%	380	380			YES
Nov-01	85.00%			99.39%	325	327			YES
Dec-01	85.00%			99.71%	346	347			YES
Jan-02	85.00%			100.00%	329	329			YES
Feb-02	85.00%			100.00%	382	382			YES
Mar-02	85.00%			100.00%	120	120			YES



Note 1: ATTORNEY-CLIENT PRIVILEGED DOCUMENT. PREPARED IN ANTICIPATION OF LITIGATION.

Chart B.1.13.6 – April 2002 – 2.6 System Output (Non-Official Results)

B.1.13.6 ISDN Loop (UDN, UDC)/GA (%)

	Benchmark	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
May-01	85.00%			100.00%	269	269			YES
Jun-01	85.00%			100.00%	99	99			YES
Jul-01	85.00%			99.12%	112	113			YES
Aug-01	85.00%			99.70%	666	668			YES
Sep-01	85.00%			100.00%	397	397			YES
Oct-01	85.00%			100.00%	380	380			YES
Nov-01	85.00%			99.39%	325	327			YES
Dec-01	85.00%			99.71%	346	347			YES
Jan-02	85.00%			100.00%	329	329			YES
Feb-02	85.00%			100.00%	382	382			YES
Mar-02	85.00%			100.00%	142	142			YES
Apr-02	85.00%			100.00%	50	50			YES

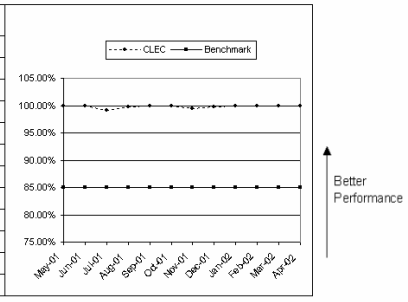
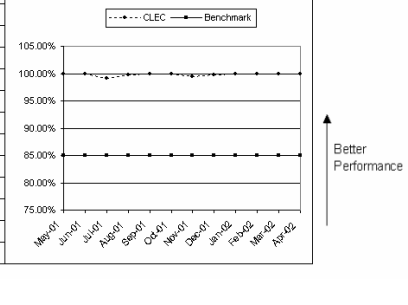


Chart B.1.13.6 –April 2002 – 4.0 System Output (Official Results)

B.1.13.6 ISDN Loop (UDN, UDC)/GA (%)

	Benchmark	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
May-01	85.00%			100.00%	269	269			YES
Jun-01	85.00%			100.00%	99	99			YES
Jul-01	85.00%			99.12%	112	113			YES
Aug-01	85.00%			99.70%	666	668			YES
Sep-01	85.00%			100.00%	397	397			YES
Oct-01	85.00%			100.00%	380	380			YES
Nov-01	85.00%			99.39%	325	327			YES
Dec-01	85.00%			99.71%	346	347			YES
Jan-02	85.00%			100.00%	329	329			YES
Feb-02	85.00%			100.00%	382	382			YES
Mar-02	85.00%			100.00%	142	142			YES
Apr-02	85.00%			100.00%	43	43			YES



Difference Quantification

PMAP 4.0 March Data for Mech, Partial Mech, and Non-Mech is lower by 7, 1, and 22 respectively. PMAP 4.0 April data for Mech, Partial Mech, and Non-Mech is lower by 7, higher by 1, and lower by 7 respectively.

Difference Explanation

There are three issues affecting this product/metric disaggregation:

1. Product Identification - The IDSN product group in the Ordering area, PMAP 4.0 derives product identification based on combinations of source system, requisition type code, and type of service code. PMAP 4.0 maps the products shown in the table below to this product group (PMAP 4.0 Group ID 479). PMAP 2.6 maps the products shown in the table below to this product group (PMAP 2.6 Group ID 3060).

2.6 Product Mapping

Prod ID	Product Description
51	UNE ISDN w/ INP & w/o NP
51	UNE Capable Loop w/ INP & w/o NP
53	UNE ISDN w/ LNP
54	UNE Capable Loop w/ LNP

4.0 Product Mapping

Prod ID	Product Description
135	UNE 2W ISDN Loop (Basic Rate) w/o NP
197	UNE 2W UDC (Universal Digital Channel) Capable Loop
259	UNE Sub-Loop Feeder - 2W UDC (Universal Digital Channel) Capable Loop
1135	UNE 2W ISDN Loop (Basic Rate) w INP
2135	UNE 2W ISDN Loop (Basic Rate) w LNP

2. LEO Return Feed Header Record - PMAP 4.0 uses a table called Return Feed Header, whereas PMAP 2.6 uses the LEO Audit database table for source data. The use of this table allows for more precise product identification.
3. Record Validation Rules – in certain cases, additional validation processes in PMAP 4.0 exclude source data that contains errors. These are tracked and researched by placing these records in error tables in the database so they can be researched and validated.

Records affected by each issue

	March			April		
Disaggregation	Issue #1	Issue #2	Issue #3	Issue #1	Issue #2	Issue #3
Mech	7			7		
Part Mech		1			1	
Non Mech			22			7

See Appendix III for general information about product identification rules.

2Wire Analog Loop – Non-Design

March Research Data

Chart Reference(s):	Mechanized (UNE)	B.1.9.9
	Non-Mechanized (UNE)	B.1.13.9

April Research Data

Chart Reference(s):	Mechanized (UNE)	B.1.4.9
	Non-Mechanized (UNE)	B.1.13.9

Chart Reference

Chart B.1.9.9– March 2002 – 2.6 System Output (Official Results)

B.1.9.9 2W Analog Loop Non-Design/GA (%)

	Benchmark	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
Apr-01	95.00%								
May-01	95.00%			100.00%	12	12			YES
Jun-01	95.00%			100.00%	4	4			YES
Jul-01	95.00%			100.00%	18	18			YES
Aug-01	95.00%			100.00%	43	43			YES
Sep-01	95.00%			100.00%	108	108			YES
Oct-01	95.00%			99.38%	159	160			YES
Nov-01	95.00%			100.00%	183	183			YES
Dec-01	95.00%			98.41%	248	252			YES
Jan-02	95.00%			100.00%	207	207			YES
Feb-02	95.00%			100.00%	132	132			YES
Mar-02	95.00%			100.00%	122	122			YES

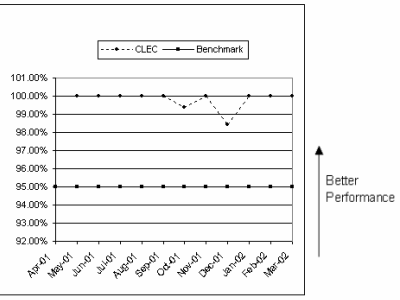


Chart B.1.9.9 – March 2002 – 4.0 System Output (Non-Official Results)

B.1.9.9 2W Analog Loop Non-Design/GA (%)

	Benchmark	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
Apr-01	95.00%								
May-01	95.00%			100.00%	12	12			YES
Jun-01	95.00%			100.00%	4	4			YES
Jul-01	95.00%			100.00%	18	18			YES
Aug-01	95.00%			100.00%	43	43			YES
Sep-01	95.00%			100.00%	108	108			YES
Oct-01	95.00%			99.38%	159	160			YES
Nov-01	95.00%			100.00%	183	183			YES
Dec-01	95.00%			98.41%	248	252			YES
Jan-02	95.00%			100.00%	207	207			YES
Feb-02	95.00%			100.00%	132	132			YES
Mar-02	95.00%			100.00%	119	119			YES

Note 1: ATTORNEY-CLIENT PRIVILEGED DOCUMENT. PREPARED IN ANTICIPATION OF LITIGATION.

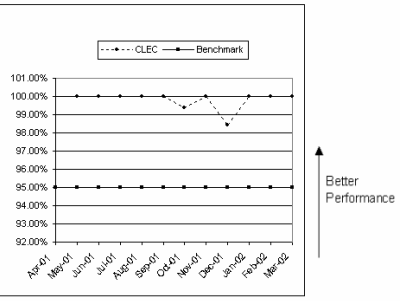


Chart B.1.9.9– April 2002 – 2.6 System Output (Non-Official Results)

B.1.9.9 2W Analog Loop Non-Design/GA (%)

	Benchmark	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
May-01	95.00%			100.00%	12	12			YES
Jun-01	95.00%			100.00%	4	4			YES
Jul-01	95.00%			100.00%	18	18			YES
Aug-01	95.00%			100.00%	43	43			YES
Sep-01	95.00%			100.00%	108	108			YES
Oct-01	95.00%			99.38%	159	160			YES
Nov-01	95.00%			100.00%	183	183			YES
Dec-01	95.00%			98.41%	248	252			YES
Jan-02	95.00%			100.00%	207	207			YES
Feb-02	95.00%			100.00%	132	132			YES
Mar-02	95.00%			100.00%	122	122			YES
Apr-02	95.00%			100.00%	113	113			YES

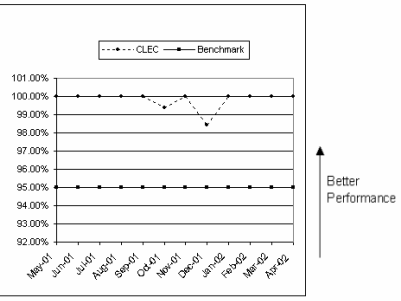


Chart B.1.9.9 – April 2002 – 4.0 System Output (Official Results)

B.1.9.9 2W Analog Loop Non-Design/GA (%)

	Benchmark	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
May-01	95.00%			100.00%	12	12			YES
Jun-01	95.00%			100.00%	4	4			YES
Jul-01	95.00%			100.00%	18	18			YES
Aug-01	95.00%			100.00%	43	43			YES
Sep-01	95.00%			100.00%	108	108			YES
Oct-01	95.00%			99.38%	159	160			YES
Nov-01	95.00%			100.00%	183	183			YES
Dec-01	95.00%			98.41%	248	252			YES
Jan-02	95.00%			100.00%	207	207			YES
Feb-02	95.00%			100.00%	132	132			YES
Mar-02	95.00%			100.00%	122	122			YES
Apr-02	95.00%			100.00%	108	108			YES

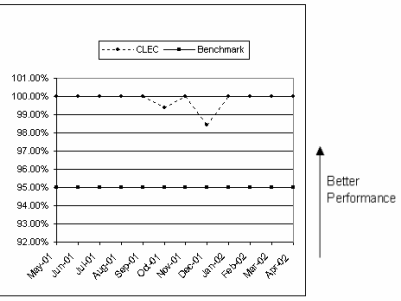


Chart B.1.13.9– March 2002 – 2.6 System Output (Official Results)

B.1.13.9 2W Analog Loop Non-Design/GA (%)

	Benchmark	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
Apr-01	85.00%			100.00%	317	317			YES
May-01	85.00%			99.71%	1,727	1,732			YES
Jun-01	85.00%			99.87%	1,480	1,482			YES
Jul-01	85.00%			99.70%	1,319	1,323			YES
Aug-01	85.00%			99.66%	878	881			YES
Sep-01	85.00%			98.55%	682	692			YES
Oct-01	85.00%			99.33%	736	741			YES
Nov-01	85.00%			99.16%	589	594			YES
Dec-01	85.00%			99.85%	667	668			YES
Jan-02	85.00%			100.00%	796	796			YES
Feb-02	85.00%			99.91%	1,075	1,076			YES
Mar-02	85.00%			99.71%	690	692			YES

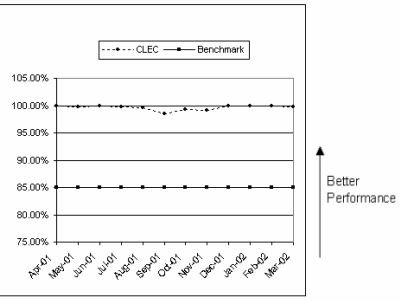
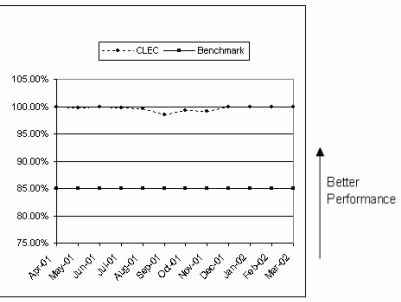


Chart B.1.13.9 – March 2002 – 4.0 System Output (Non-Official Results)

B.1.13.9 2W Analog Loop Non-Design/GA (%)

	Benchmark	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
Apr-01	85.00%			100.00%	317	317			YES
May-01	85.00%			99.71%	1,727	1,732			YES
Jun-01	85.00%			99.87%	1,480	1,482			YES
Jul-01	85.00%			99.70%	1,319	1,323			YES
Aug-01	85.00%			99.66%	878	881			YES
Sep-01	85.00%			98.55%	682	692			YES
Oct-01	85.00%			99.33%	736	741			YES
Nov-01	85.00%			99.16%	589	594			YES
Dec-01	85.00%			99.85%	667	668			YES
Jan-02	85.00%			100.00%	796	796			YES
Feb-02	85.00%			99.91%	1,075	1,076			YES
Mar-02	85.00%			100.00%	425	425			YES



Note 1: ATTORNEY-CLIENT PRIVILEGED DOCUMENT. PREPARED IN ANTICIPATION OF LITIGATION.

Chart B.1.13.9– April 2002 – 2.6 System Output (Non-Official Results)

B.1.13.9 2W Analog Loop Non-Design/GA (%)

	Benchmark	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
May-01	85.00%			99.71%	1,727	1,732			YES
Jun-01	85.00%			99.87%	1,480	1,482			YES
Jul-01	85.00%			99.70%	1,319	1,323			YES
Aug-01	85.00%			99.66%	878	881			YES
Sep-01	85.00%			98.55%	682	692			YES
Oct-01	85.00%			99.33%	736	741			YES
Nov-01	85.00%			99.16%	589	594			YES
Dec-01	85.00%			99.85%	667	668			YES
Jan-02	85.00%			100.00%	796	796			YES
Feb-02	85.00%			99.91%	1,075	1,076			YES
Mar-02	85.00%			99.71%	690	692			YES
Apr-02	85.00%			100.00%	487	487			YES

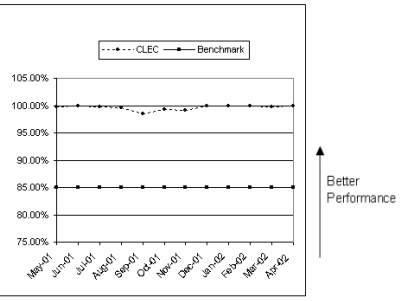
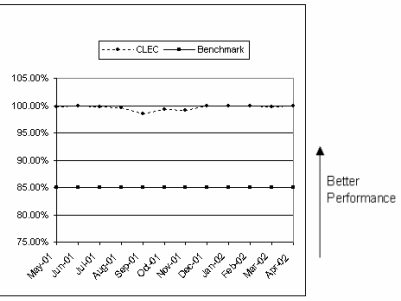


Chart B.1.13.9 – April 2002 – 4.0 System Output (Official Results)

B.1.13.9 2W Analog Loop Non-Design/GA (%)

	Benchmark	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
May-01	85.00%			99.71%	1,727	1,732			YES
Jun-01	85.00%			99.87%	1,480	1,482			YES
Jul-01	85.00%			99.70%	1,319	1,323			YES
Aug-01	85.00%			99.66%	878	881			YES
Sep-01	85.00%			98.55%	682	692			YES
Oct-01	85.00%			99.33%	736	741			YES
Nov-01	85.00%			99.16%	589	594			YES
Dec-01	85.00%			99.85%	667	668			YES
Jan-02	85.00%			100.00%	796	796			YES
Feb-02	85.00%			99.91%	1,075	1,076			YES
Mar-02	85.00%			99.71%	690	692			YES
Apr-02	85.00%			100.00%	444	444			YES



Difference Quantification

PMAP 4.0 reported data for the March Mech and Non-Mech disaggregation that was 3 lower and 267 lower than PMAP 2.6. For April data, the Mech and Non-Mech results were 5 and 43 lower respectively.

Difference Explanation

Improved product identification routines in PMAP 4.0 identify products at a much more granular level. In the case of the 2 Wire Voice Grade Loop – Non-Design product group in the Ordering area, PMAP 4.0 derives this product grouping based on a combination of source system, requisition type code, general class of service code, service type code, network channel code (NC), network channel interface code (NCI), and secondary network channel interface code (SECNCI).

In PMAP 2.6, BellSouth mapped product IDs 71 (UNE 2W Analog Loop Non-Design w/o NP) and 174 (UNE 2W Analog Loop Non-Design w/o NP DP-IN) to this disaggregation (2.6 group ID 3070). PMAP 4.0 combines these two product IDs into one product ID – 121. The difference

of 267 non-mechanized records in March and 43 non-mechanized records in April was due to PMAP 4.0 assigning these records to product ID 996 (UNE Other Loops w/o NP) rather than product ID 121. At this time, Product ID 996 does not rollup into a group required for reporting, but is being identified if this becomes necessary in the future. As a result, these records were not included in the 2 Wire Voice Grade Loop – Non-Design product group.

Additionally, 3 Part Mech records for March and 5 Part Mech records for April are caused by a multi response timestamp sequencing issue. If a response (for example: a clarification) is processed after a previous response (such as a FOC) and the time of the second response is before or after the time of the first response, the second response is not flagged for measure inclusion and calculation. A detailed example is included below to illustrate the problem. Notice the start times on both PONs presented – a reject was posted, but the start time of the transaction differs from the previous start times, and they should all be the same. PMAP 4.0 is properly identifying the reject, but because the start time is out of sequence with the previous starts, it is not flagged for inclusion in the measure.

START_TIME	STOP_TIME	FATAL_IND	REJ_IND	FOC_IND	JEP_IND	CN_IND	CA_IND	CC	PON		VER
08-Mar-02 19:37:28	13-mar-02 13:17:39	N	N	Y	N	N	N	7871	1501533D	00	
08-Mar-02 19:37:28	13-mar-02 16:55:20	N	N	N	N	Y	N	7871	1501533D	00	
08-mar-02 19:37:30	09-Mar-02 06:02:13	N	Y	N	N	N	N	7871	1501533D	00	

START_TIME	STOP_TIME	FATAL_IND	REJ_IND	FOC_IND	JEP_IND	CN_IND	CA_IND	CC	PON		VER
15-Mar-02 05:42:38	15-mar-02 12:20:19	N	N	Y	N	N	N	7871	1531153	00	
15-Mar-02 05:42:38	20-mar-02 17:17:41	N	N	N	N	Y	N	7871	1531153	00	
15-mar-02 05:42:41	15-Mar-02 12:05:59	N	Y	N	N	N	N	7871	1531153	00	

See Appendix III for general information about product identification rules.

Provisioning Subject Area

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Provisioning Troubles within 30 days of Service Order Completion

SQM Measure Reference: P-9

SQM Measure Description:

The Provisioning Troubles within 30 days of Service Order Completion measure is intended to analyze the accuracy of Service Order activities to a CLEC.

Analysis for these measures will focus on both the numerator and denominator, because the numerator is trouble tickets, and is not a benchmark type measurement. The numerator is considered a volume in this case.

Measure P9 differences that apply to all measures

Purpose of this section

This section applies to all P9 disaggregation levels in the Numerator. The method of processing the data between PMAP 2.6 and PMAP 4.0 has changed as described below and is applicable to varying degrees in the impact on the measure. In Line Sharing and xDSL products, there are additional impacts that are detailed in those sections. Also, there are Analog Differences that are common to these two products that is detailed in the following section.

Analysis of common change

There are two main differences in how PMAP 2.6 and 4.0 process service order and trouble ticket data for this measure. The first issue is around how the two systems determine the completion of a service order so it could be a candidate to have troubles issued. The second issue is around how troubles are matched to service orders.

PMAP 4.0 does not check for work order completion date from WFA to consider a service order to be a candidate for the Troubles in 30 Days measure. If a service order is completed, then all the WFA work orders associated are considered to be complete and no special check is done by PMAP 4.0 against WFA. PMAP 2.6 checked the completion date on the WFA work order. In certain instances the service order in SOCS can show completion, but the WFA work order is not shown as complete.

PMAP 2.6 also uses the main billing number to match against the ticket for non-designed service orders and uses the work order from WFA provisioning for designed service orders. PMAP 4.0 uses the SOCS associated lines data. This data provides all the lines (Telephone number or circuits) associated with a service order. Each line is considered separately for match against the ticket data. If just one of the lines on an order has a trouble associated with it, the service order will be flagged for the numerator of Troubles in 30.

ADSL Provided to Retail – Analog to xDSL and Line Sharing

Purpose of this section

This section applies to P9 Measure xDSL and Line Sharing products in the BellSouth Analog. Instead of including this information in duplicate with these products, it is provided here and is applicable to both product groups. The charts are shown in the individual product sections.

Difference Quantification - April

Volume: PMAP 2.6 picked up 13334 records. PMAP 4.0 picked up 12901 records. PMAP 4.0 picked up 433 records less compared to PMAP 2.6

Numerator: PMAP 2.6 picked up 1900 records. PMAP 4.0 picked up 448 records. PMAP 4.0 picked up 1452 records less compared to PMAP 2.6

Difference Explanation - April

Volume:

PMAP 2.6 and PMAP 4.0 differ on identifying the BellSouth analog to ADSL. PMAP 4.0 uses the specific inward USOC (ADL12, ADL22, ADLAA, ADL31, ADL41, ADL51, ADL6, ADL71) while PMAP 2.6 uses any inward USOC starting with ADL. PMAP 4.0 is more specific about the USOCs used to generate this data.

Numerator:

PMAP 4.0 follows “Latest Service Order Earliest Ticket” concept when one service order is matched against multiple tickets and vice-versa. The code allows one ticket to flag one service order only. When one ticket is found matched against multiple service orders, only the latest service order is considered to have the trouble associated with it.

Difference Quantification - March

Volume: PMAP 2.6 picked up 11538 records. PMAP 4.0 picked up 11244 records. PMAP 4.0 picked up 294 less compared to PMAP 2.6

Numerator: PMAP 2.6 picked up 1278 records. PMAP 4.0 picked up 493records.

PMAP 4.0 picked up 785 less compared to PMAP 2.6

Difference Explanation - March

Volume:

PMAP 2.6 and PMAP 4.0 differ on identifying the BellSouth analog to ADSL. PMAP 4.0 uses the specific inward USOC (ADL12, ADL22, ADLAA, ADL31, ADL41, ADL51, ADL6, ADL71) while PMAP 2.6 uses any inward USOC starting with ADL. PMAP 4.0 is more specific about the USOCs used to generate this data.

Numerator:

PMAP 4.0 follows "Latest Service Order Earliest Ticket" concept when one service order is matched against multiple tickets and vice-versa. The code allows one ticket to flag one service order only. When one ticket is found matched against multiple service orders, only the latest service order is considered to have the trouble associated with it.

Combo Other

March Research Data

Chart Reference(s): B.2.19.4.1.1

B.2.19.4.1.4

B.2.19.4.2.1

B.2.19.4.2.4

April Research Data

Chart Reference(s): B.2.19.4.1.1

B.2.19.4.1.4

B.2.19.4.2.1

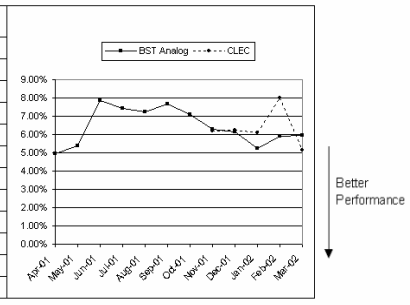
B.2.19.4.2.4

Chart Reference

Chart B.2.19.4.1.1 – March 2002 – 2.6 System Output (Official Results)

B.2.19.4.1.1 Combo Other/<10 circuits/Dispatch/GA (%)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
Apr-01	4.96%	4,017	80,978						
May-01	5.36%	4,147	77,298						
Jun-01	7.86%	4,495	57,156						
Jul-01	7.44%	4,292	57,723						
Aug-01	7.23%	4,184	57,877						
Sep-01	7.65%	5,353	69,961						
Oct-01	7.09%	4,188	59,041						
Nov-01	6.28%	4,277	68,095	6.17%	14	227		0.0704	YES
Dec-01	6.15%	3,611	58,706	6.25%	14	224		-0.0616	YES
Jan-02	5.26%	3,432	65,258	6.10%	13	213		-0.5510	YES
Feb-02	5.88%	3,648	62,020	7.98%	15	188		-1.2200	YES
Mar-02	5.95%	3,434	57,735	5.17%	14	271		0.5429	YES

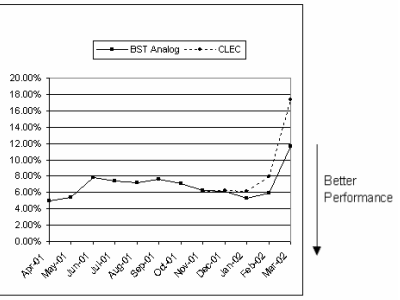


Note 1: Residence, Business, and Design - Dispatch data serves as the BST Analog for this report

Chart B.2.19.4.1.1 – March 2002 – 4.0 System Output (Non-Official Results)

B.2.19.4.1.1 Combo Other/<10 circuits/Dispatch/GA (%)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
Apr-01	4.96%	4,017	80,978						
May-01	5.36%	4,147	77,298						
Jun-01	7.86%	4,495	57,156						
Jul-01	7.44%	4,292	57,723						
Aug-01	7.23%	4,184	57,877						
Sep-01	7.65%	5,353	69,961						
Oct-01	7.09%	4,188	59,041						
Nov-01	6.28%	4,277	68,095	6.17%	14	227		0.0704	YES
Dec-01	6.15%	3,611	58,706	6.25%	14	224		-0.0616	YES
Jan-02	5.26%	3,432	65,258	6.10%	13	213		-0.5510	YES
Feb-02	5.88%	3,648	62,020	7.98%	15	188		-1.2200	YES
Mar-02	11.67%	6,618	56,732	17.39%	40	230		-2.6997	NO

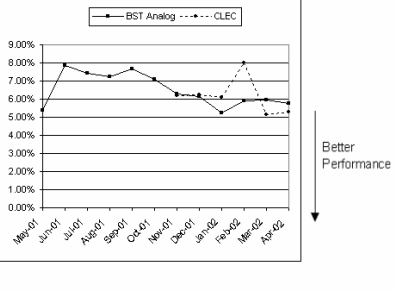


Note 1: Residence, Business, and Design - Dispatch data serves as the BST Analog for this report
Note 2: ATTORNEY-CLIENT PRIVILEGED DOCUMENT. PREPARED IN ANTICIPATION OF LITIGATION.

Chart B.2.19.4.1.1– April 2002 – 2.6 System Output (Non-Official Results)

B.2.19.4.1.1 Combo Other/<10 circuits/Dispatch/GA (%)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
May-01	5.36%	4,147	77,298						
Jun-01	7.86%	4,495	57,156						
Jul-01	7.44%	4,292	57,723						
Aug-01	7.23%	4,184	57,877						
Sep-01	7.65%	5,353	69,961						
Oct-01	7.09%	4,188	59,041						
Nov-01	6.28%	4,277	68,095	6.17%	14	227		0.0704	YES
Dec-01	6.15%	3,611	58,706	6.25%	14	224		-0.0616	YES
Jan-02	5.26%	3,432	65,258	6.10%	13	213		-0.5510	YES
Feb-02	5.88%	3,648	62,020	7.98%	15	188		-1.2200	YES
Mar-02	5.95%	3,434	57,735	5.17%	14	271		0.5429	YES
Apr-02	5.77%	3,712	64,285	5.26%	20	380		0.4259	YES

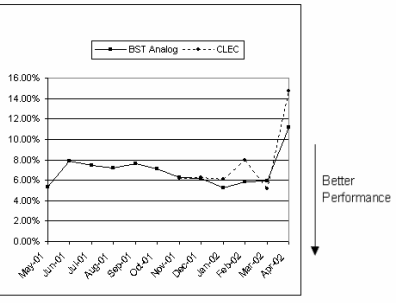


Note 1: Residence, Business, and Design - Dispatch data serves as the BST Analog for this report

Chart B.2.19.4.1.1– April 2002 – 4.0 System Output (Official Results)

B.2.19.4.1.1 Combo Other/<10 circuits/Dispatch/GA (%)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
May-01	5.36%	4,147	77,298						
Jun-01	7.86%	4,495	57,156						
Jul-01	7.44%	4,292	57,723						
Aug-01	7.23%	4,184	57,877						
Sep-01	7.65%	5,353	69,961						
Oct-01	7.09%	4,188	59,041						
Nov-01	6.28%	4,277	68,095	6.17%	14	227		0.0704	YES
Dec-01	6.15%	3,611	58,706	6.25%	14	224		-0.0616	YES
Jan-02	5.26%	3,432	65,258	6.10%	13	213		-0.5510	YES
Feb-02	5.88%	3,648	62,020	7.98%	15	188		-1.2200	YES
Mar-02	5.95%	3,434	57,735	5.17%	14	271		0.5429	YES
Apr-02	11.21%	7,114	63,445	14.70%	51	347		-2.0516	NO

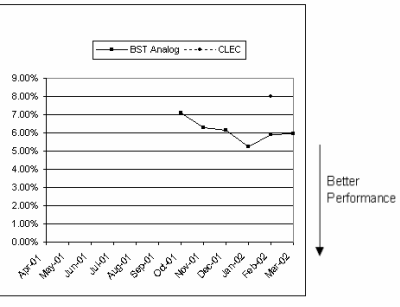


Note 1: Residence, Business, and Design - Dispatch data serves as the BST Analog for this report

Chart B.2.19.4.1.4 – March 2002 – 2.6 System Output (Official Results)

B.2.19.4.1.4 Combo Other/<10 circuits/Dispatch In/GA (%)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
Apr-01									
May-01									
Jun-01									
Jul-01									
Aug-01									
Sep-01									
Oct-01	7.09%	4,188	59,041						
Nov-01	6.28%	4,277	68,095						
Dec-01	6.15%	3,611	58,706						
Jan-02	5.26%	3,432	65,258						
Feb-02	5.88%	3,648	62,020	7.98%	15	188		-1.2200	YES
Mar-02	5.95%	3,434	57,735						

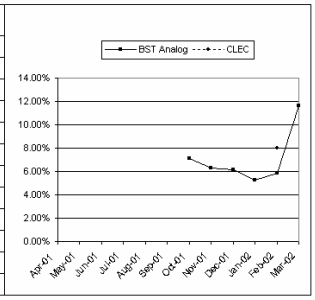


Note 1: Residence, Business, and Design - Dispatch data serves as the BST Analog for this report

Chart B.2.19.4.1.4 – March 2002 – 4.0 System Output (Non-Official Results)

B.2.19.4.1.4 Combo Other/<10 circuits/Dispatch In/GA (%)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
Apr-01									
May-01									
Jun-01									
Jul-01									
Aug-01									
Sep-01									
Oct-01	7.09%	4,188	59,041						
Nov-01	6.28%	4,277	68,095						
Dec-01	6.15%	3,611	58,706						
Jan-02	5.26%	3,432	65,258						
Feb-02	5.88%	3,648	62,020	7.98%	15	188		-1.2200	YES
Mar-02	11.67%	6,618	56,732						

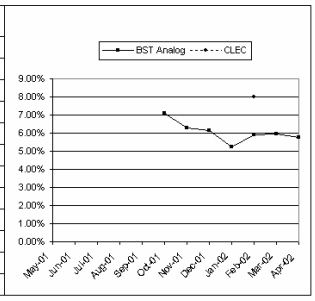


Note 1: Residence, Business, and Design - Dispatch data serves as the BST Analog for this report
Note 2: ATTORNEY-CLIENT PRIVILEGED DOCUMENT. PREPARED IN ANTICIPATION OF LITIGATION.

Chart B.2.19.4.1.4 - April 2002 – 2.6 System Output (Non-Official Results)

B.2.19.4.1.4 Combo Other/<10 circuits/Dispatch In/GA (%)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
May-01									
Jun-01									
Jul-01									
Aug-01									
Sep-01									
Oct-01	7.09%	4,188	59,041						
Nov-01	6.28%	4,277	68,095						
Dec-01	6.15%	3,611	58,706						
Jan-02	5.26%	3,432	65,258						
Feb-02	5.88%	3,648	62,020	7.98%	15	188		-1.2200	YES
Mar-02	5.95%	3,434	57,735						
Apr-02	5.77%	3,712	64,285						

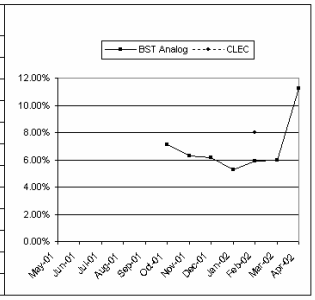


Note 1: Residence, Business, and Design - Dispatch data serves as the BST Analog for this report

Chart B.2.19.4.1.4– April 2002 – 4.0 System Output (Official Results)

B.2.19.4.1.4 Combo Other/<10 circuits/Dispatch In/GA (%)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
May-01									
Jun-01									
Jul-01									
Aug-01									
Sep-01									
Oct-01	7.09%	4,188	59,041						
Nov-01	6.28%	4,277	68,095						
Dec-01	6.15%	3,611	58,706						
Jan-02	5.26%	3,432	65,258						
Feb-02	5.88%	3,648	62,020	7.98%	15	188		-1.2200	YES
Mar-02	5.95%	3,434	57,735						
Apr-02	11.21%	7,114	63,445						

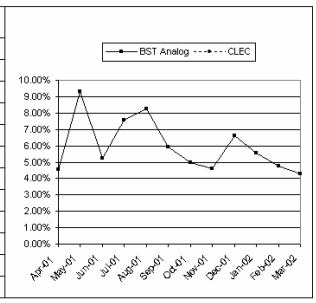


Note 1: Residence, Business, and Design - Dispatch data serves as the BST Analog for this report

Chart B.2.19.4.2.1 – March 2002 – 2.6 System Output (Official Results)

B.2.19.4.2.1 Combo Other/>=10 circuits/Dispatch/GA (%)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
Apr-01	4.55%	14	308						
May-01	9.34%	24	257						
Jun-01	5.26%	12	228						
Jul-01	7.58%	21	277						
Aug-01	8.28%	24	290						
Sep-01	5.93%	21	354						
Oct-01	4.99%	19	381						
Nov-01	4.61%	16	347						
Dec-01	6.60%	20	303						
Jan-02	5.56%	15	270						
Feb-02	4.76%	16	336						
Mar-02	4.27%	12	281						

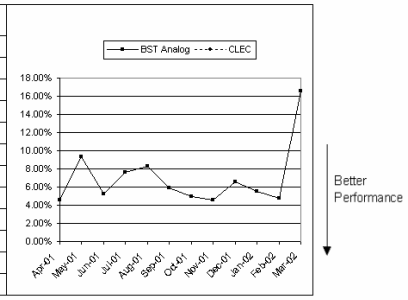


Note 1: Residence, Business, and Design - Dispatch data serves as the BST Analog for this report

Chart B.2.19. 4.2.1 – March 2002 – 4.0 System Output (Non-Official Results)

B.2.19.4.2.1 Combo Other/>=10 circuits/Dispatch/GA (%)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
Apr-01	4.55%	14	308						
May-01	9.34%	24	257						
Jun-01	5.26%	12	228						
Jul-01	7.58%	21	277						
Aug-01	8.28%	24	290						
Sep-01	5.93%	21	354						
Oct-01	4.99%	19	381						
Nov-01	4.61%	16	347						
Dec-01	6.60%	20	303						
Jan-02	5.56%	15	270						
Feb-02	4.76%	16	336						
Mar-02	16.54%	42	254						

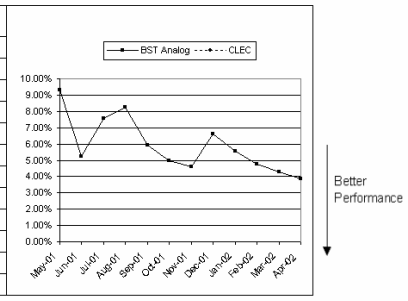


Note 1: Residence, Business, and Design - Dispatch data serves as the BST Analog for this report
Note 2: ATTORNEY-CLIENT PRIVILEGED DOCUMENT. PREPARED IN ANTICIPATION OF LITIGATION.

Chart B.2.19.4.2.1 - April 2002 – 2.6 System Output (Non-Official Results)

B.2.19.4.2.1 Combo Other/>=10 circuits/Dispatch/GA (%)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
May-01	9.34%	24	257						
Jun-01	5.26%	12	228						
Jul-01	7.58%	21	277						
Aug-01	8.28%	24	290						
Sep-01	5.93%	21	354						
Oct-01	4.99%	19	381						
Nov-01	4.61%	16	347						
Dec-01	6.60%	20	303						
Jan-02	5.56%	15	270						
Feb-02	4.76%	16	336						
Mar-02	4.27%	12	281						
Apr-02	3.87%	14	362						

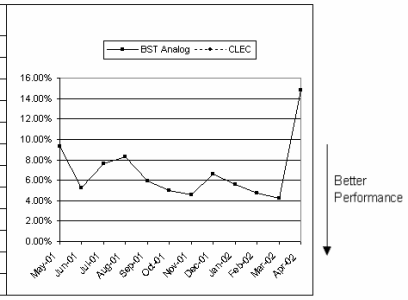


Note 1: Residence, Business, and Design - Dispatch data serves as the BST Analog for this report

Chart B.2.19.4.2.1– April 2002 – 4.0 System Output (Official Results)

B.2.19.4.2.1 Combo Other/>=10 circuits/Dispatch/GA (%)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
May-01	9.34%	24	257						
Jun-01	5.26%	12	228						
Jul-01	7.58%	21	277						
Aug-01	8.28%	24	290						
Sep-01	5.93%	21	354						
Oct-01	4.99%	19	381						
Nov-01	4.61%	16	347						
Dec-01	6.60%	20	303						
Jan-02	5.56%	15	270						
Feb-02	4.76%	16	336						
Mar-02	4.27%	12	281						
Apr-02	14.79%	50	338						



Note 1: Residence, Business, and Design - Dispatch data serves as the BST Analog for this report

Chart B.2.19.4.2.4 – March 2002 – 2.6 System Output (Official Results)

B.2.19.4.2.4 Combo Other/>=10 circuits/Dispatch In/GA (%)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
Apr-01									
May-01									
Jun-01									
Jul-01									
Aug-01									
Sep-01									
Oct-01	4.99%	19	381						
Nov-01	4.61%	16	347						
Dec-01	6.60%	20	303						
Jan-02	5.56%	15	270						
Feb-02	4.76%	16	336						
Mar-02	4.27%	12	281						

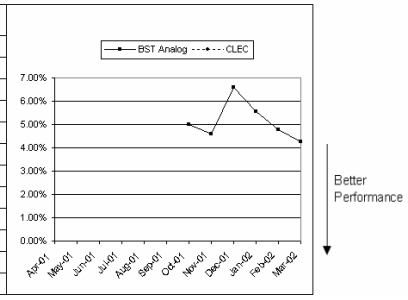
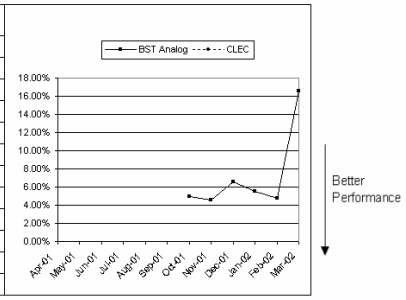


Chart B.2.19.4.2.4 - March 2002 – 4.0 System Output (Non-Official Results)

B.2.19.4.2.4 Combo Other/>=10 circuits/Dispatch In/GA (%)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
Apr-01									
May-01									
Jun-01									
Jul-01									
Aug-01									
Sep-01									
Oct-01	4.99%	19	381						
Nov-01	4.61%	16	347						
Dec-01	6.60%	20	303						
Jan-02	5.56%	15	270						
Feb-02	4.76%	16	336						
Mar-02	16.54%	42	254						

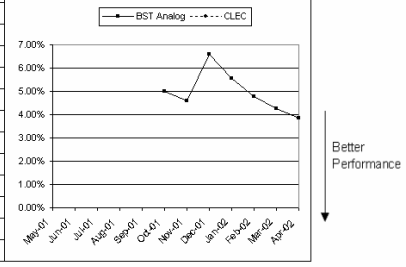


Note 1: Residence, Business, and Design - Dispatch data serves as the BST Analog for this report
Note 2: ATTORNEY-CLIENT PRIVILEGED DOCUMENT. PREPARED IN ANTICIPATION OF LITIGATION.

Chart B.2.19.4.2.4 - April 2002 – 2.6 System Output (Non-Official Results)

B.2.19.4.2.4 Combo Other/>=10 circuits/Dispatch In/GA (%)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
May-01									
Jun-01									
Jul-01									
Aug-01									
Sep-01									
Oct-01	4.99%	19	381						
Nov-01	4.61%	16	347						
Dec-01	6.60%	20	303						
Jan-02	5.56%	15	270						
Feb-02	4.76%	16	336						
Mar-02	4.27%	12	281						
Apr-02	3.87%	14	362						

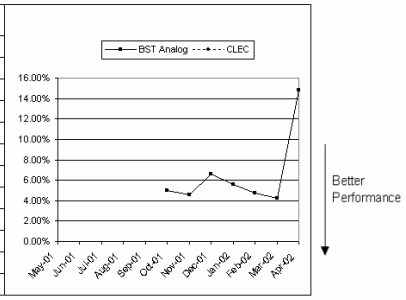


Note 1: Residence, Business, and Design - Dispatch data serves as the BST Analog for this report

Chart B.2.19.4.2.4– April 2002 – 4.0 System Output (Official Results)

B.2.19.4.2.4 Combo Other/>=10 circuits/Dispatch In/GA (%)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
May-01									
Jun-01									
Jul-01									
Aug-01									
Sep-01									
Oct-01	4.99%	19	381						
Nov-01	4.61%	16	347						
Dec-01	6.60%	20	303						
Jan-02	5.56%	15	270						
Feb-02	4.76%	16	336						
Mar-02	4.27%	12	281						
Apr-02	14.79%	50	338						



Note 1: Residence, Business, and Design - Dispatch data serves as the BST Analog for this report

Difference Quantification - April

Volume: PMAP 2.6 picked up 380 records. PMAP 4.0 picked up 347 records.

PMAP 4.0 picked up 33 records less compared to PMAP 2.6

Numerator: PMAP 2.6 picked up 20 records. PMAP 4.0 picked up 51 records.

PMAP 4.0 picked up 31 records more compared to PMAP 2.6

Difference Explanation – April

Volume:

The product derivation rules used in PMAP 4.0 for UNE Combo Others are different from the rules used by PMAP 2.6. Improved product identification rules in PMAP 4.0 identify UNE Combo Others products at much granular levels with the help of the Service and Equipment section (S&E) USOC. In PMAP 4.0 the UNE Combo Others group has been broken into 53 granular products. PMAP 2.6 identifies UNE Combo Other only by looking at the basic class of service USOC. If PMAP 4.0 would have identified UNE Combo Others by using only the basic class of service USOC like PMAP 2.6, then PMAP 4.0 would have had 380 as the volume for UNE Combo Others.

Numerator:

The 31 record difference is because of the common business rule change discussed at the beginning of this section.

Difference Quantification - March

Volume: PMAP 2.6 picked up 271 records. PMAP 4.0 picked up 230 records.
PMAP 4.0 picked up 41 records less compared to PMAP 2.6

Numerator: PMAP 2.6 picked up 14 records. PMAP 4.0 picked up 40 records.
PMAP 4.0 picked up 26 records more compared to PMAP 2.6

Difference Explanation - March

Volume:

The product derivation rules used in PMAP 4.0 for UNE Combo Others are different from the rules used by PMAP 2.6. Improved product identification rules in PMAP 4.0 identify UNE Combo Others products at much granular levels with the help of the S&E USOC. In PMAP 4.0 the UNE Combo Others group has been broken into 53 granular products. This more granular approach to product identification allows PMAP 4.0 to place these products in more appropriate

disaggregation buckets in some cases. PMAP 2.6 identifies UNE Combo Others products only by looking at the basic class of service USOC. If PMAP 4.0 would have identified UNE Combo Others by using only the basic class of service USOC like PMAP 2.6, then PMAP 4.0 would have had 271 as the volume for UNE Combo Others.

Numerator:

The 26 record difference is because of the common business rule change discussed at the beginning of this section.

Loop + Port Combinations (UNE-P)

March Research Data

Chart Reference(s): B.2.19.3.1.1

B.2.19.3.1.2

B.2.19.3.1.3

B.2.19.3.1.4

B.2.19.3.2.1

B.2.19.3.2.2

B.2.19.3.2.3

B.2.19.3.2.4

April Research Data

Chart Reference(s): B.2.19.3.1.1

B.2.19.3.1.2

B.2.19.3.1.3

B.2.19.3.1.4

B.2.19.3.2.1

B.2.19.3.2.2

B.2.19.3.2.3

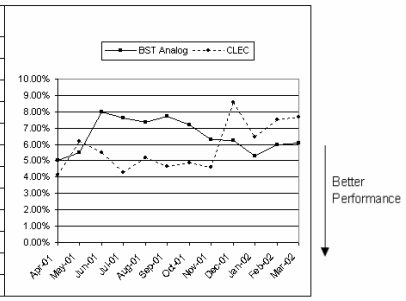
B.2.19.3.2.4

Chart Reference

Chart B.2.19.3.1.1 – March 2002 – 2.6 System Output (Official Results)

B.2.19.3.1.1 Loop + Port Combinations/<10 circuits/Dispatch/GA (%)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
Apr-01	5.04%	3,788	75,217	4.12%	37	897		1.2472	YES
May-01	5.52%	3,963	71,773	6.18%	46	744		-0.7856	YES
Jun-01	8.01%	4,278	53,418	5.52%	43	779		2.5405	YES
Jul-01	7.62%	4,089	53,663	4.26%	44	1,032		4.0252	YES
Aug-01	7.37%	4,004	54,316	5.20%	42	808		2.3471	YES
Sep-01	7.74%	5,239	67,665	4.67%	52	1,114		3.8085	YES
Oct-01	7.20%	4,123	57,267	4.89%	49	1,003		2.8110	YES
Nov-01	6.32%	4,155	65,720	4.58%	53	1,158		2.4194	YES
Dec-01	6.25%	3,553	56,856	8.58%	83	967		-2.9736	NO
Jan-02	5.30%	3,345	63,071	6.44%	72	1,118		-1.6809	NO
Feb-02	6.00%	3,585	59,776	7.53%	83	1,102		-2.1257	NO
Mar-02	6.09%	3,382	55,576	7.66%	79	1,032		-2.0900	NO

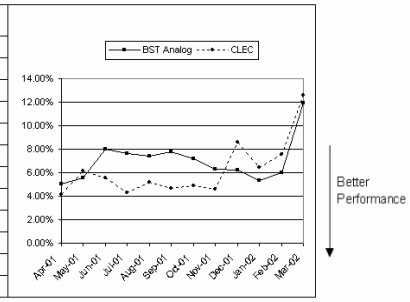


Note 1: Retail Residence / Business data serves as the BST Analog for this report

Chart B.2.19.3.1.1 - March 2002 – 4.0 System Output (Non-Official Results)

B.2.19.3.1.1 Loop + Port Combinations/<10 circuits/Dispatch/GA (%)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
Apr-01	5.04%	3,788	75,217	4.12%	37	897		1.2472	YES
May-01	5.52%	3,963	71,773	6.18%	46	744		-0.7856	YES
Jun-01	8.01%	4,278	53,418	5.52%	43	779		2.5405	YES
Jul-01	7.62%	4,089	53,663	4.26%	44	1,032		4.0252	YES
Aug-01	7.37%	4,004	54,316	5.20%	42	808		2.3471	YES
Sep-01	7.74%	5,239	67,665	4.67%	52	1,114		3.8085	YES
Oct-01	7.20%	4,123	57,267	4.89%	49	1,003		2.8110	YES
Nov-01	6.32%	4,155	65,720	4.58%	53	1,158		2.4194	YES
Dec-01	6.25%	3,553	56,856	8.58%	83	967		-2.9736	NO
Jan-02	5.30%	3,345	63,071	6.44%	72	1,118		-1.6809	NO
Feb-02	6.00%	3,585	59,776	7.53%	83	1,102		-2.1257	NO
Mar-02	11.92%	6,486	54,419	12.58%	130	1,033		-0.6545	YES

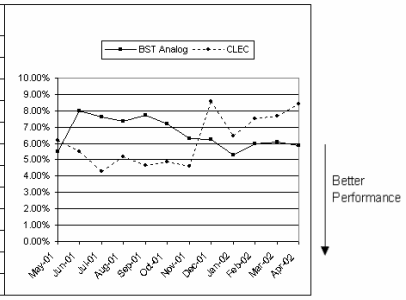


Note 1: Retail Residence / Business data serves as the BST Analog for this report
Note 2: ATTORNEY-CLIENT PRIVILEGED DOCUMENT. PREPARED IN ANTICIPATION OF LITIGATION.

Chart B.2.19.3.1.1 - April 2002 – 2.6 System Output (Non-Official Results)

B.2.19.3.1.1 Loop + Port Combinations/<10 circuits/Dispatch/GA (%)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
May-01	5.52%	3,963	71,773	6.18%	46	744		-0.7856	YES
Jun-01	8.01%	4,278	53,418	5.52%	43	779		2.5405	YES
Jul-01	7.62%	4,089	53,663	4.26%	44	1,032		4.0252	YES
Aug-01	7.37%	4,004	54,316	5.20%	42	808		2.3471	YES
Sep-01	7.74%	5,239	67,665	4.67%	52	1,114		3.8085	YES
Oct-01	7.20%	4,123	57,267	4.89%	49	1,003		2.8110	YES
Nov-01	6.32%	4,155	65,720	4.58%	53	1,158		2.4194	YES
Dec-01	6.25%	3,553	56,856	8.58%	83	967		-2.9736	NO
Jan-02	5.30%	3,345	63,071	6.44%	72	1,118		-1.6809	NO
Feb-02	6.00%	3,585	59,776	7.53%	83	1,102		-2.1257	NO
Mar-02	6.09%	3,382	55,576	7.66%	79	1,032		-2.0900	NO
Apr-02	5.89%	3,647	61,908	8.40%	99	1,178		-3.6289	NO

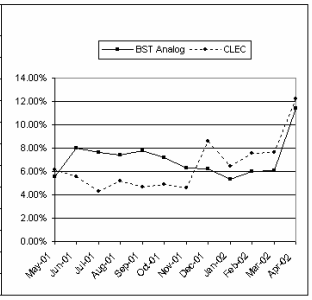


Note 1: Retail Residence / Business data serves as the BST Analog for this report

Chart B.2.19.3.1.1 – April 2002 – 4.0 System Output (Official Results)

B.2.19.3.1.1 Loop + Port Combinations/<10 circuits/Dispatch/GA (%)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
May-01	5.52%	3,963	71,773	6.18%	46	744		-0.7856	YES
Jun-01	8.01%	4,278	53,418	5.52%	43	779		2.5405	YES
Jul-01	7.62%	4,089	53,663	4.26%	44	1,032		4.0252	YES
Aug-01	7.37%	4,004	54,316	5.20%	42	808		2.3471	YES
Sep-01	7.74%	5,239	67,665	4.67%	52	1,114		3.8085	YES
Oct-01	7.20%	4,123	57,267	4.89%	49	1,003		2.8110	YES
Nov-01	6.32%	4,155	65,720	4.58%	53	1,158		2.4194	YES
Dec-01	6.25%	3,553	56,856	8.58%	83	967		-2.9736	NO
Jan-02	5.30%	3,345	63,071	6.44%	72	1,118		-1.6809	NO
Feb-02	6.00%	3,585	59,776	7.53%	83	1,102		-2.1257	NO
Mar-02	6.09%	3,382	55,576	7.66%	79	1,032		-2.0900	NO
Apr-02	11.43%	6,956	60,878	12.25%	142	1,159		-0.8754	YES

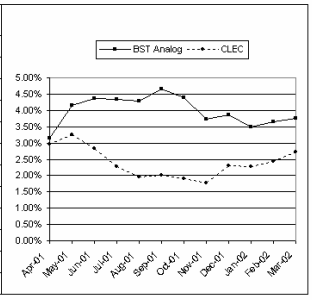


Note 1: Retail Residence / Business data serves as the BST Analog for this report

Chart B.2.19.3.1.2 – March 2002 – 2.6 System Output (Official Results)

B.2.19.3.1.2 Loop + Port Combinations/<10 circuits/Non-Dispatch/GA (%)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
Apr-01	3.14%	15,002	477,774	2.97%	391	13,160		1.1030	YES
May-01	4.16%	19,484	468,878	3.27%	307	9,402		4.2824	YES
Jun-01	4.38%	20,547	469,517	2.83%	466	16,465		9.5330	YES
Jul-01	4.34%	19,852	457,412	2.28%	545	23,868		15.2025	YES
Aug-01	4.29%	18,737	437,226	1.95%	734	37,669		21.4880	YES
Sep-01	4.66%	22,189	476,013	2.02%	973	48,113		26.1689	YES
Oct-01	4.40%	17,278	392,924	1.90%	678	35,686		22.0308	YES
Nov-01	3.73%	18,294	490,256	1.78%	738	41,491		20.1518	YES
Dec-01	3.87%	16,095	415,642	2.30%	833	36,153		14.8238	YES
Jan-02	3.51%	14,265	406,973	2.27%	891	39,167		12.6446	YES
Feb-02	3.64%	17,676	485,008	2.44%	1,062	43,469		12.8046	YES
Mar-02	3.76%	16,403	436,552	2.72%	951	34,963		9.8149	YES

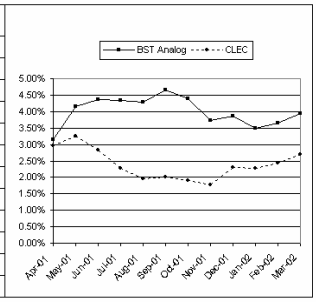


Note 1: Retail Residence / Business data serves as the BST Analog for this report

Chart B.2.19.3.1.2 - March 2002 – 4.0 System Output (Non-Official Results)

B.2.19.3.1.2 Loop + Port Combinations/<10 circuits/Non-Dispatch/GA (%)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
Apr-01	3.14%	15,002	477,774	2.97%	391	13,160		1.1030	YES
May-01	4.16%	19,484	468,878	3.27%	307	9,402		4.2824	YES
Jun-01	4.38%	20,547	469,517	2.83%	466	16,465		9.5330	YES
Jul-01	4.34%	19,852	457,412	2.28%	545	23,868		15.2025	YES
Aug-01	4.29%	18,737	437,226	1.95%	734	37,669		21.4880	YES
Sep-01	4.66%	22,189	476,013	2.02%	973	48,113		26.1689	YES
Oct-01	4.40%	17,278	392,924	1.90%	678	35,686		22.0308	YES
Nov-01	3.73%	18,294	490,256	1.78%	738	41,491		20.1518	YES
Dec-01	3.87%	16,095	415,642	2.30%	833	36,153		14.8238	YES
Jan-02	3.51%	14,265	406,973	2.27%	891	39,167		12.6446	YES
Feb-02	3.64%	17,676	485,008	2.44%	1,062	43,469		12.8046	YES
Mar-02	3.93%	16,724	425,297	2.71%	959	35,376		11.3569	YES

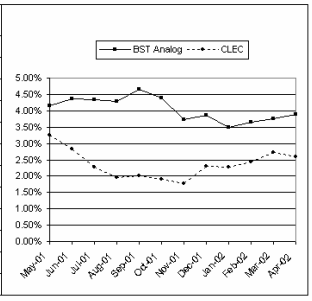


Note 1: Retail Residence / Business data serves as the BST Analog for this report
Note 2: ATTORNEY-CLIENT PRIVILEGED DOCUMENT. PREPARED IN ANTICIPATION OF LITIGATION.

Chart B.2.19.3.1.2 - April 2002 – 2.6 System Output (Non-Official Results)

B.2.19.3.1.2 Loop + Port Combinations/<10 circuits/Non-Dispatch/GA (%)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
May-01	4.16%	19,484	468,878	3.27%	307	9,402		4.2824	YES
Jun-01	4.38%	20,547	469,517	2.83%	466	16,465		9.5330	YES
Jul-01	4.34%	19,852	457,412	2.28%	545	23,868		15.2025	YES
Aug-01	4.29%	18,737	437,226	1.95%	734	37,669		21.4880	YES
Sep-01	4.66%	22,189	476,013	2.02%	973	48,113		26.1689	YES
Oct-01	4.40%	17,278	392,924	1.90%	678	35,686		22.0308	YES
Nov-01	3.73%	18,294	490,256	1.78%	738	41,491		20.1518	YES
Dec-01	3.87%	16,095	415,642	2.30%	833	36,153		14.8238	YES
Jan-02	3.51%	14,265	406,973	2.27%	891	39,167		12.6446	YES
Feb-02	3.64%	17,676	485,008	2.44%	1,062	43,469		12.8046	YES
Mar-02	3.76%	16,403	436,552	2.72%	951	34,963		9.8149	YES
Apr-02	3.89%	17,255	443,293	2.59%	1,125	43,416		13.3784	YES

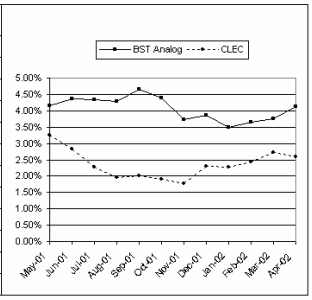


Note 1: Retail Residence / Business data serves as the BST Analog for this report

Chart B.2.19.3.1.2 – April 2002 – 4.0 System Output (Official Results)

B.2.19.3.1.2 Loop + Port Combinations/<10 circuits/Non-Dispatch/GA (%)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
May-01	4.16%	19,484	468,878	3.27%	307	9,402		4.2824	YES
Jun-01	4.38%	20,547	469,517	2.83%	466	16,465		9.5330	YES
Jul-01	4.34%	19,852	457,412	2.28%	545	23,868		15.2025	YES
Aug-01	4.29%	18,737	437,226	1.95%	734	37,669		21.4880	YES
Sep-01	4.66%	22,189	476,013	2.02%	973	48,113		26.1689	YES
Oct-01	4.40%	17,278	392,924	1.90%	678	35,686		22.0308	YES
Nov-01	3.73%	18,294	490,256	1.78%	738	41,491		20.1518	YES
Dec-01	3.87%	16,095	415,642	2.30%	833	36,153		14.8238	YES
Jan-02	3.51%	14,265	406,973	2.27%	891	39,167		12.6446	YES
Feb-02	3.64%	17,676	485,008	2.44%	1,062	43,469		12.8046	YES
Mar-02	3.76%	16,403	436,552	2.72%	951	34,963		9.8149	YES
Apr-02	4.13%	17,887	433,384	2.59%	1,122	43,361		15.3674	YES

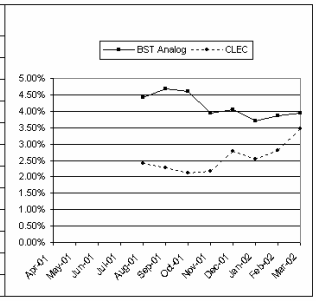


Note 1: Retail Residence / Business data serves as the BST Analog for this report

Chart B.2.19.3.1.3 – March 2002 – 2.6 System Output (Official Results)

B.2.19.3.1.3 Loop + Port Combinations/<10 circuits/Switch Based Orders/GA (%)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
Apr-01									
May-01									
Jun-01									
Jul-01									
Aug-01	4.42%	8,644	195,532	2.40%	156	6,507		7.8113	YES
Sep-01	4.67%	11,747	251,364	2.28%	211	9,260		10.7221	YES
Oct-01	4.59%	9,812	213,676	2.12%	162	7,656		10.1699	YES
Nov-01	3.93%	10,540	268,108	2.16%	235	10,856		9.2851	YES
Dec-01	4.05%	9,268	228,659	2.78%	264	9,483		6.1417	YES
Jan-02	3.70%	8,197	221,782	2.54%	285	11,208		6.3133	YES
Feb-02	3.87%	10,281	265,462	2.82%	332	11,791		5.8216	YES
Mar-02	3.95%	9,324	236,308	3.46%	248	7,158		2.0596	YES

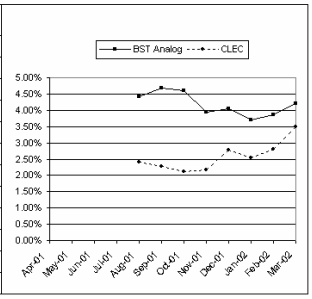


Note 1: Retail Residence / Business data serves as the BST Analog for this report
Note 2: Data included in B.2.19.3.1.2

Chart B.2.19.3.1.3 - March 2002 – 4.0 System Output (Non-Official Results)

B.2.19.3.1.3 Loop + Port Combinations/<10 circuits/Switch Based Orders/GA (%)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
Apr-01									
May-01									
Jun-01									
Jul-01									
Aug-01	4.42%	8,644	195,532	2.40%	156	6,507		7.8113	YES
Sep-01	4.67%	11,747	251,364	2.28%	211	9,260		10.7221	YES
Oct-01	4.59%	9,812	213,676	2.12%	162	7,656		10.1699	YES
Nov-01	3.93%	10,540	268,108	2.16%	235	10,856		9.2851	YES
Dec-01	4.05%	9,268	228,659	2.78%	264	9,483		6.1417	YES
Jan-02	3.70%	8,197	221,782	2.54%	285	11,208		6.3133	YES
Feb-02	3.87%	10,281	265,462	2.82%	332	11,791		5.8216	YES
Mar-02	4.20%	9,665	230,235	3.49%	259	7,421		2.9926	YES

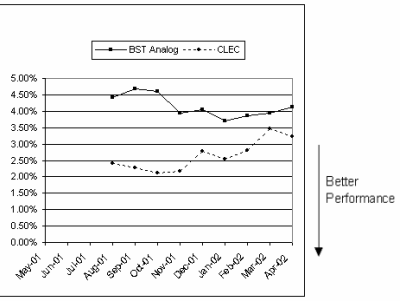


Note 1: Retail Residence / Business data serves as the BST Analog for this report
Note 2: Data included in B.2.19.3.1.2
Note 3: ATTORNEY-CLIENT PRIVILEGED DOCUMENT. PREPARED IN ANTICIPATION OF LITIGATION.

Chart B.2.19.3.1.3 - April 2002 – 2.6 System Output (Non-Official Results)

B.2.19.3.1.3 Loop + Port Combinations/<10 circuits/Switch Based Orders/GA (%)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
May-01									
Jun-01									
Jul-01									
Aug-01	4.42%	8,644	195,532	2.40%	156	6,507		7.8113	YES
Sep-01	4.67%	11,747	251,364	2.28%	211	9,260		10.7221	YES
Oct-01	4.59%	9,812	213,676	2.12%	162	7,656		10.1699	YES
Nov-01	3.93%	10,540	268,108	2.16%	235	10,856		9.2851	YES
Dec-01	4.05%	9,268	228,659	2.78%	264	9,483		6.1417	YES
Jan-02	3.70%	8,197	221,782	2.54%	285	11,208		6.3133	YES
Feb-02	3.87%	10,281	265,462	2.82%	332	11,791		5.8216	YES
Mar-02	3.95%	9,324	236,308	3.46%	248	7,158		2.0596	YES
Apr-02	4.12%	10,085	244,731	3.22%	299	9,296		4.3059	YES

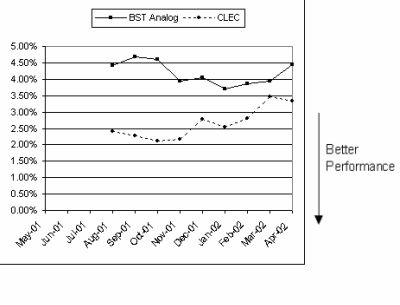


Note 1: Retail Residence / Business data serves as the BST Analog for this report
Note 2: Data included in B.2.19.3.1.2

Chart B.2.19.3.1.3 – April 2002 – 4.0 System Output (Official Results)

B.2.19.3.1.3 Loop + Port Combinations/<10 circuits/Switch Based Orders/GA (%)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
May-01									
Jun-01									
Jul-01									
Aug-01	4.42%	8,644	195,532	2.40%	156	6,507		7.8113	YES
Sep-01	4.67%	11,747	251,364	2.28%	211	9,260		10.7221	YES
Oct-01	4.59%	9,812	213,676	2.12%	162	7,656		10.1699	YES
Nov-01	3.93%	10,540	268,108	2.16%	235	10,856		9.2851	YES
Dec-01	4.05%	9,268	228,659	2.78%	264	9,483		6.1417	YES
Jan-02	3.70%	8,197	221,782	2.54%	285	11,208		6.3133	YES
Feb-02	3.87%	10,281	265,462	2.82%	332	11,791		5.8216	YES
Mar-02	3.95%	9,324	236,308	3.46%	248	7,158		2.0596	YES
Apr-02	4.46%	10,665	239,274	3.33%	309	9,269		5.1430	YES

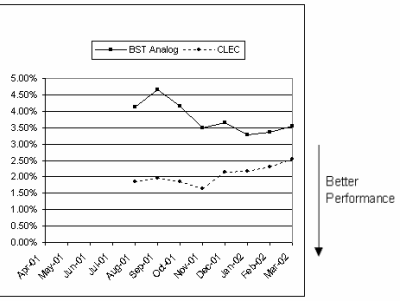


Note 1: Retail Residence / Business data serves as the BST Analog for this report
Note 2: Data included in B.2.19.3.1.2

Chart B.2.19.3.1.4 – March 2002 – 2.6 System Output (Official Results)

B.2.19.3.1.4 Loop + Port Combinations/<10 circuits/Dispatch In/GA (%)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
Apr-01									
May-01									
Jun-01									
Jul-01									
Aug-01	4.12%	8,643	209,672	1.85%	578	31,162		18.7853	YES
Sep-01	4.65%	10,443	224,666	1.96%	762	38,853		23.2292	YES
Oct-01	4.17%	7,466	179,249	1.84%	516	28,030		18.1122	YES
Nov-01	3.50%	7,776	222,148	1.64%	503	30,635		16.5916	YES
Dec-01	3.65%	6,827	186,983	2.13%	569	26,670		12.3621	YES
Jan-02	3.28%	6,068	185,193	2.17%	606	27,959		9.7103	YES
Feb-02	3.37%	7,395	219,546	2.30%	730	31,678		9.8115	YES
Mar-02	3.54%	7,079	200,244	2.53%	703	27,805		8.5194	YES

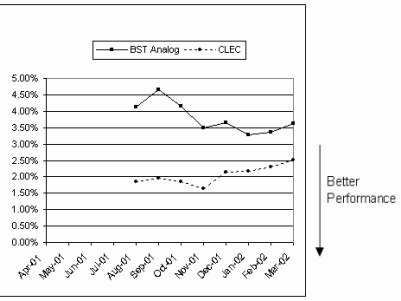


Note 1: Retail Residence / Business data serves as the BST Analog for this report
Note 2: Data included in B.2.19.3.1.2

Chart B.2.19.3.1.4 - March 2002 – 4.0 System Output (Non-Official Results)

B.2.19.3.1.4 Loop + Port Combinations/<10 circuits/Dispatch In/GA (%)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
Apr-01									
May-01									
Jun-01									
Jul-01									
Aug-01	4.12%	8,643	209,672	1.85%	578	31,162		18.7853	YES
Sep-01	4.65%	10,443	224,666	1.96%	762	38,853		23.2292	YES
Oct-01	4.17%	7,466	179,249	1.84%	516	28,030		18.1122	YES
Nov-01	3.50%	7,776	222,148	1.64%	503	30,635		16.5916	YES
Dec-01	3.65%	6,827	186,983	2.13%	569	26,670		12.3621	YES
Jan-02	3.28%	6,068	185,193	2.17%	606	27,959		9.7103	YES
Feb-02	3.37%	7,395	219,546	2.30%	730	31,678		9.8115	YES
Mar-02	3.62%	7,059	195,062	2.50%	700	27,955		9.3341	YES

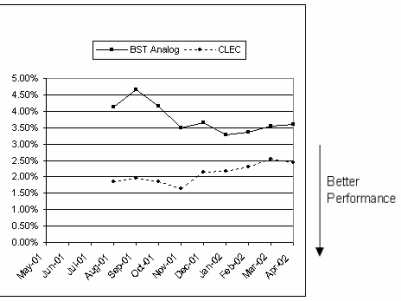


Note 1: Retail Residence / Business data serves as the BST Analog for this report
Note 2: Data included in B.2.19.3.1.2
Note 3: ATTORNEY-CLIENT PRIVILEGED DOCUMENT. PREPARED IN ANTICIPATION OF LITIGATION.

Chart B.2.19.3.1.4 - April 2002 – 2.6 System Output (Non-Official Results)

B.2.19.3.1.4 Loop + Port Combinations/<10 circuits/Dispatch In/GA (%)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
May-01									
Jun-01									
Jul-01									
Aug-01	4.12%	8,643	209,672	1.85%	578	31,162		18.7853	YES
Sep-01	4.65%	10,443	224,666	1.96%	762	38,853		23.2292	YES
Oct-01	4.17%	7,466	179,249	1.84%	516	28,030		18.1122	YES
Nov-01	3.50%	7,776	222,148	1.64%	503	30,635		16.5916	YES
Dec-01	3.65%	6,827	186,983	2.13%	569	26,670		12.3621	YES
Jan-02	3.28%	6,068	185,193	2.17%	606	27,959		9.7103	YES
Feb-02	3.37%	7,395	219,546	2.30%	730	31,678		9.8115	YES
Mar-02	3.54%	7,079	200,244	2.53%	703	27,805		8.5194	YES
Apr-02	3.61%	7,170	198,562	2.42%	826	34,120		10.8850	YES

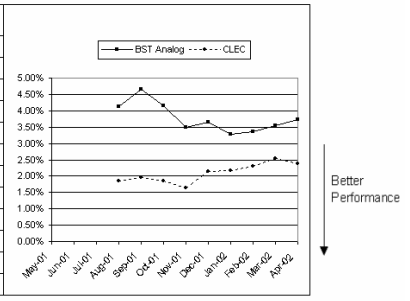


Note 1: Retail Residence / Business data serves as the BST Analog for this report
Note 2: Data included in B.2.19.3.1.2

Chart B.2.19.3.1.4 – April 2002 – 4.0 System Output (Official Results)

B.2.19.3.1.4 Loop + Port Combinations/<10 circuits/Dispatch In/GA (%)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
May-01									
Jun-01									
Jul-01									
Aug-01	4.12%	8,643	209,672	1.85%	578	31,162		18.7853	YES
Sep-01	4.65%	10,443	224,666	1.96%	762	38,853		23.2292	YES
Oct-01	4.17%	7,466	179,249	1.84%	516	28,030		18.1122	YES
Nov-01	3.50%	7,776	222,148	1.64%	503	30,635		16.5916	YES
Dec-01	3.65%	6,827	186,983	2.13%	569	26,670		12.3621	YES
Jan-02	3.28%	6,068	185,193	2.17%	606	27,959		9.7103	YES
Feb-02	3.37%	7,395	219,546	2.30%	730	31,678		9.8115	YES
Mar-02	3.54%	7,079	200,244	2.53%	703	27,805		8.5194	YES
Apr-02	3.72%	7,222	194,110	2.38%	813	34,092		12.0192	YES

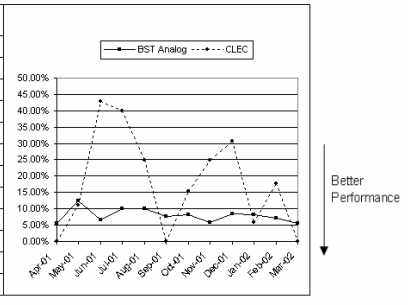


Note 1: Retail Residence / Business data serves as the BST Analog for this report
Note 2: Data included in B.2.19.3.1.2

Chart B.2.19.3.2.1 – March 2002 – 2.6 System Output (Official Results)

B.2.19.3.2.1 Loop + Port Combinations/>=10 circuits/Dispatch/GA (%)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
Apr-01	5.68%	13	229	0.00%	0	5		0.5427	YES
May-01	12.37%	24	194	11.11%	1	9		0.1122	YES
Jun-01	6.67%	12	180	42.86%	3	7		-3.7663	NO
Jul-01	10.14%	21	207	40.00%	2	5		-2.1849	NO
Aug-01	10.09%	23	228	25.00%	1	4		-0.9817	YES
Sep-01	7.66%	21	274	0.00%	0	8		0.8032	YES
Oct-01	8.26%	19	230	15.38%	2	13		-0.9077	YES
Nov-01	5.75%	15	261	25.00%	2	8		-2.3047	NO
Dec-01	8.44%	20	237	30.77%	4	13		-2.8202	NO
Jan-02	8.19%	14	171	5.88%	1	17		0.3306	YES
Feb-02	7.05%	16	227	17.65%	3	17		-1.6467	NO
Mar-02	5.53%	12	217	0.00%	0	10		0.7481	YES

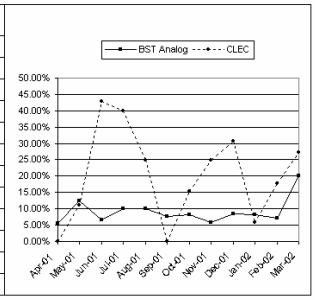


Note 1: Retail Residence / Business data serves as the BST Analog for this report

Chart B.2.19.3.2.1 - March 2002 – 4.0 System Output (Non-Official Results)

B.2.19.3.2.1 Loop + Port Combinations/>=10 circuits/Dispatch/GA (%)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
Apr-01	5.68%	13	229	0.00%	0	5		0.5427	YES
May-01	12.37%	24	194	11.11%	1	9		0.1122	YES
Jun-01	6.67%	12	180	42.86%	3	7		-3.7663	NO
Jul-01	10.14%	21	207	40.00%	2	5		-2.1849	NO
Aug-01	10.09%	23	228	25.00%	1	4		-0.9817	YES
Sep-01	7.66%	21	274	0.00%	0	8		0.8032	YES
Oct-01	8.26%	19	230	15.38%	2	13		-0.9077	YES
Nov-01	5.75%	15	261	25.00%	2	8		-2.3047	NO
Dec-01	8.44%	20	237	30.77%	4	13		-2.8202	NO
Jan-02	8.19%	14	171	5.88%	1	17		0.3306	YES
Feb-02	7.05%	16	227	17.65%	3	17		-1.6467	NO
Mar-02	20.00%	42	210	27.27%	3	11		-0.5878	YES

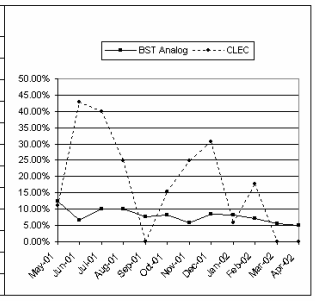


Note 1: Retail Residence / Business data serves as the BST Analog for this report
Note 2: ATTORNEY-CLIENT PRIVILEGED DOCUMENT. PREPARED IN ANTICIPATION OF LITIGATION.

Chart B.2.19.3.2.1 - April 2002 – 2.6 System Output (Non-Official Results)

B.2.19.3.2.1 Loop + Port Combinations/>=10 circuits/Dispatch/GA (%)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
May-01	12.37%	24	194	11.11%	1	9		0.1122	YES
Jun-01	6.67%	12	180	42.86%	3	7		-3.7663	NO
Jul-01	10.14%	21	207	40.00%	2	5		-2.1849	NO
Aug-01	10.09%	23	228	25.00%	1	4		-0.9817	YES
Sep-01	7.66%	21	274	0.00%	0	8		0.8032	YES
Oct-01	8.26%	19	230	15.38%	2	13		-0.9077	YES
Nov-01	5.75%	15	261	25.00%	2	8		-2.3047	NO
Dec-01	8.44%	20	237	30.77%	4	13		-2.8202	NO
Jan-02	8.19%	14	171	5.88%	1	17		0.3306	YES
Feb-02	7.05%	16	227	17.65%	3	17		-1.6467	NO
Mar-02	5.53%	12	217	0.00%	0	10		0.7481	YES
Apr-02	4.95%	14	283	0.00%	0	11		0.7423	YES

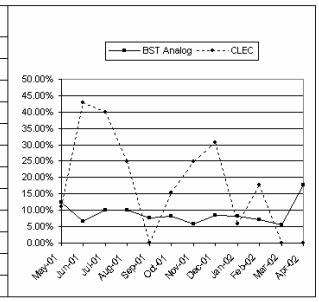


Note 1: Retail Residence / Business data serves as the BST Analog for this report

Chart B.2.19.3.2.1 – April 2002 – 4.0 System Output (Official Results)

B.2.19.3.2.1 Loop + Port Combinations/>=10 circuits/Dispatch/GA (%)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
May-01	12.37%	24	194	11.11%	1	9		0.1122	YES
Jun-01	6.67%	12	180	42.86%	3	7		-3.7663	NO
Jul-01	10.14%	21	207	40.00%	2	5		-2.1849	NO
Aug-01	10.09%	23	228	25.00%	1	4		-0.9817	YES
Sep-01	7.66%	21	274	0.00%	0	8		0.8032	YES
Oct-01	8.26%	19	230	15.38%	2	13		-0.9077	YES
Nov-01	5.75%	15	261	25.00%	2	8		-2.3047	NO
Dec-01	8.44%	20	237	30.77%	4	13		-2.8202	NO
Jan-02	8.19%	14	171	5.88%	1	17		0.3306	YES
Feb-02	7.05%	16	227	17.65%	3	17		-1.6467	NO
Mar-02	5.53%	12	217	0.00%	0	10		0.7481	YES
Apr-02	17.61%	50	284	0.00%	0	11		1.5043	YES

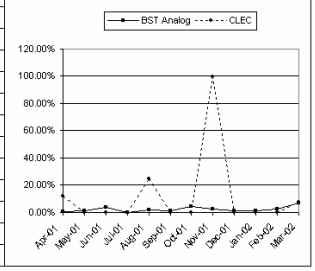


Note 1: Retail Residence / Business data serves as the BST Analog for this report

Chart B.2.19.3.2.2 – March 2002 – 2.6 System Output (Official Results)

B.2.19.3.2.2 Loop + Port Combinations/>=10 circuits/Non-Dispatch/GA (%)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
Apr-01	0.64%	2	311	12.00%	6	50		-9.3248	NO
May-01	1.42%	5	353	0.00%	0	9		0.3551	YES
Jun-01	3.98%	10	251	0.00%	0	1		0.2033	YES
Jul-01	0.00%	0	183	0.00%	0	2			YES
Aug-01	1.67%	3	180	25.00%	1	4		-3.6054	NO
Sep-01	1.35%	5	370	0.00%	0	2		0.1651	YES
Oct-01	4.23%	6	142	0.00%	0	4		0.4143	YES
Nov-01	2.82%	5	177	100.00%	1	1		-5.8487	NO
Dec-01	1.32%	2	152	0.00%	0	3		0.1981	YES
Jan-02	1.56%	4	256	0.00%	0	1		0.1257	YES
Feb-02	2.54%	3	118	0.00%	0	5		0.3537	YES
Mar-02	6.82%	9	132	7.69%	1	13		-0.1193	YES

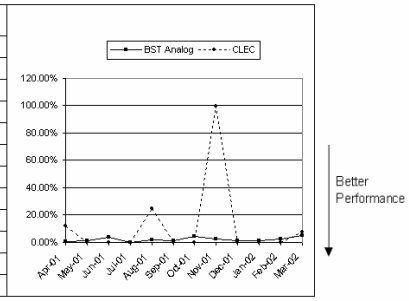


Note 1: Retail Residence / Business data serves as the BST Analog for this report

Chart B.2.19.3.2.2 - March 2002 – 4.0 System Output (Non-Official Results)

B.2.19.3.2.2 Loop + Port Combinations/>=10 circuits/Non-Dispatch/GA (%)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
Apr-01	0.64%	2	311	12.00%	6	50		-9.3248	NO
May-01	1.42%	5	353	0.00%	0	9		0.3551	YES
Jun-01	3.98%	10	251	0.00%	0	1		0.2033	YES
Jul-01	0.00%	0	183	0.00%	0	2			YES
Aug-01	1.67%	3	180	25.00%	1	4		-3.6054	NO
Sep-01	1.35%	5	370	0.00%	0	2		0.1651	YES
Oct-01	4.23%	6	142	0.00%	0	4		0.4143	YES
Nov-01	2.82%	5	177	100.00%	1	1		-5.8487	NO
Dec-01	1.32%	2	152	0.00%	0	3		0.1981	YES
Jan-02	1.56%	4	256	0.00%	0	1		0.1257	YES
Feb-02	2.54%	3	118	0.00%	0	5		0.3537	YES
Mar-02	4.76%	18	378	7.69%	1	13		-0.4878	YES

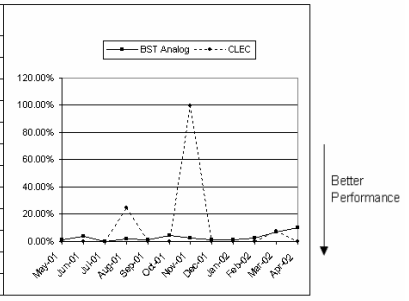


Note 1: Retail Residence / Business data serves as the BST Analog for this report
Note 2: ATTORNEY-CLIENT PRIVILEGED DOCUMENT. PREPARED IN ANTICIPATION OF LITIGATION.

Chart B.2.19.3.2.2 - April 2002 – 2.6 System Output (Non-Official Results)

B.2.19.3.2.2 Loop + Port Combinations/>=10 circuits/Non-Dispatch/GA (%)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
May-01	1.42%	5	353	0.00%	0	9		0.3551	YES
Jun-01	3.98%	10	251	0.00%	0	1		0.2033	YES
Jul-01	0.00%	0	183	0.00%	0	2			YES
Aug-01	1.67%	3	180	25.00%	1	4		-3.6054	NO
Sep-01	1.35%	5	370	0.00%	0	2		0.1651	YES
Oct-01	4.23%	6	142	0.00%	0	4		0.4143	YES
Nov-01	2.82%	5	177	100.00%	1	1		-5.8487	NO
Dec-01	1.32%	2	152	0.00%	0	3		0.1981	YES
Jan-02	1.56%	4	256	0.00%	0	1		0.1257	YES
Feb-02	2.54%	3	118	0.00%	0	5		0.3537	YES
Mar-02	6.82%	9	132	7.69%	1	13		-0.1193	YES
Apr-02	10.00%	10	100	0.00%	0	2		0.4668	YES

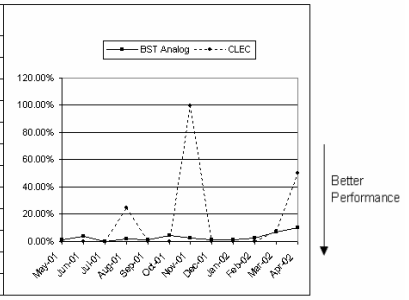


Note 1: Retail Residence / Business data serves as the BST Analog for this report

Chart B.2.19.3.2.2– April 2002 – 4.0 System Output (Official Results)

B.2.19.3.2.2 Loop + Port Combinations/>=10 circuits/Non-Dispatch/GA (%)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
May-01	1.42%	5	353	0.00%	0	9		0.3551	YES
Jun-01	3.98%	10	251	0.00%	0	1		0.2033	YES
Jul-01	0.00%	0	183	0.00%	0	2			YES
Aug-01	1.67%	3	180	25.00%	1	4		-3.6054	NO
Sep-01	1.35%	5	370	0.00%	0	2		0.1651	YES
Oct-01	4.23%	6	142	0.00%	0	4		0.4143	YES
Nov-01	2.82%	5	177	100.00%	1	1		-5.8487	NO
Dec-01	1.32%	2	152	0.00%	0	3		0.1981	YES
Jan-02	1.56%	4	256	0.00%	0	1		0.1257	YES
Feb-02	2.54%	3	118	0.00%	0	5		0.3537	YES
Mar-02	6.82%	9	132	7.69%	1	13		-0.1193	YES
Apr-02	9.95%	20	201	50.00%	1	2		-1.8828	NO

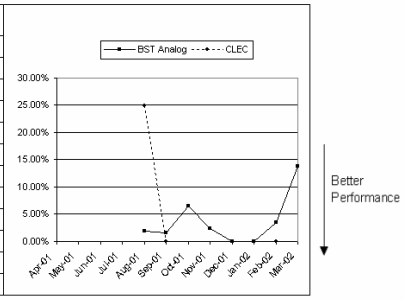


Note 1: Retail Residence / Business data serves as the BST Analog for this report

Chart B.2.19.3.2.3 – March 2002 – 2.6 System Output (Official Results)

B.2.19.3.2.3 Loop + Port Combinations/>=10 circuits/Switch Based Orders/GA (%)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
Apr-01									
May-01									
Jun-01									
Jul-01									
Aug-01	1.85%	1	54	25.00%	1	4		-3.3135	NO
Sep-01	1.59%	1	63	0.00%	0	1		0.1260	YES
Oct-01	6.52%	3	46						
Nov-01	2.33%	1	43						
Dec-01	0.00%	0	30						
Jan-02	0.00%	0	23						
Feb-02	3.57%	2	56	0.00%	0	2		0.2674	YES
Mar-02	13.79%	4	29						

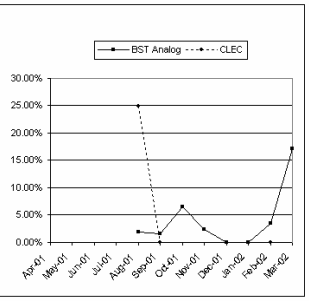


Note 1: Retail Residence / Business data serves as the BST Analog for this report
Note 2: Data included in B.2.19.3.2.2

Chart B.2.19.3.2.3 - March 2002 – 4.0 System Output (Non-Official Results)

B.2.19.3.2.3 Loop + Port Combinations/>=10 circuits/Switch Based Orders/GA (%)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
Apr-01									
May-01									
Jun-01									
Jul-01									
Aug-01	1.85%	1	54	25.00%	1	4		-3.3135	NO
Sep-01	1.59%	1	63	0.00%	0	1		0.1260	YES
Oct-01	6.52%	3	46						
Nov-01	2.33%	1	43						
Dec-01	0.00%	0	30						
Jan-02	0.00%	0	23						
Feb-02	3.57%	2	56	0.00%	0	2		0.2674	YES
Mar-02	17.07%	7	41						

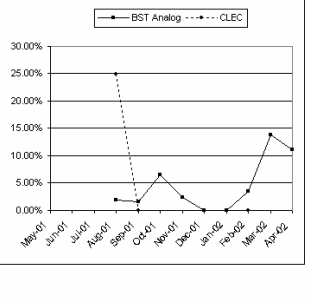


Note 1: Retail Residence / Business data serves as the BST Analog for this report
Note 2: Data included in B.2.19.3.2.2
Note 3: ATTORNEY-CLIENT PRIVILEGED DOCUMENT. PREPARED IN ANTICIPATION OF LITIGATION.

Chart B.2.19.3.2.3 - April 2002 – 2.6 System Output (Non-Official Results)

B.2.19.3.2.3 Loop + Port Combinations/>=10 circuits/Switch Based Orders/GA (%)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
May-01									
Jun-01									
Jul-01									
Aug-01	1.85%	1	54	25.00%	1	4		-3.3135	NO
Sep-01	1.59%	1	63	0.00%	0	1		0.1260	YES
Oct-01	6.52%	3	46						
Nov-01	2.33%	1	43						
Dec-01	0.00%	0	30						
Jan-02	0.00%	0	23						
Feb-02	3.57%	2	56	0.00%	0	2		0.2674	YES
Mar-02	13.79%	4	29						
Apr-02	11.11%	4	36						

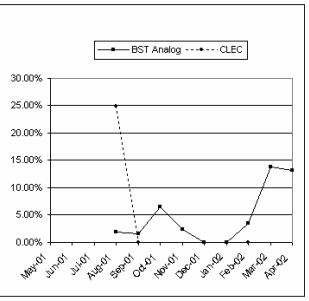


Note 1: Retail Residence / Business data serves as the BST Analog for this report
Note 2: Data included in B.2.19.3.2.2

Chart B.2.19.3.2.3 – April 2002 – 4.0 System Output (Official Results)

B.2.19.3.2.3 Loop + Port Combinations/>=10 circuits/Switch Based Orders/GA (%)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
May-01									
Jun-01									
Jul-01									
Aug-01	1.85%	1	54	25.00%	1	4		-3.3135	NO
Sep-01	1.59%	1	63	0.00%	0	1		0.1260	YES
Oct-01	6.52%	3	46						
Nov-01	2.33%	1	43						
Dec-01	0.00%	0	30						
Jan-02	0.00%	0	23						
Feb-02	3.57%	2	56	0.00%	0	2		0.2674	YES
Mar-02	13.79%	4	29						
Apr-02	13.24%	9	68						

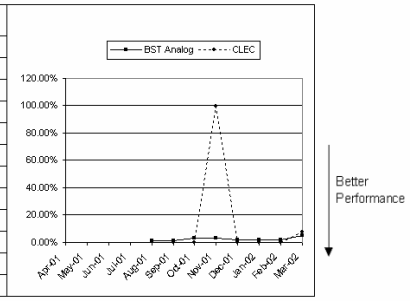


Note 1: Retail Residence / Business data serves as the BST Analog for this report
Note 2: Data included in B.2.19.3.2.2

Chart B.2.19.3.2.4 – March 2002 – 2.6 System Output (Official Results)

B.2.19.3.2.4 Loop + Port Combinations/>=10 circuits/Dispatch In/GA (%)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
Apr-01									
May-01									
Jun-01									
Jul-01									
Aug-01	1.59%	2	126						
Sep-01	1.30%	4	308	0.00%	0	1		0.1145	YES
Oct-01	3.13%	3	96	0.00%	0	4		0.3520	YES
Nov-01	2.99%	4	134	100.00%	1	1		-5.6797	NO
Dec-01	1.64%	2	122	0.00%	0	3		0.2209	YES
Jan-02	1.72%	4	233	0.00%	0	1		0.1319	YES
Feb-02	1.61%	1	62	0.00%	0	3		0.2166	YES
Mar-02	4.85%	5	103	7.69%	1	13		-0.4486	YES

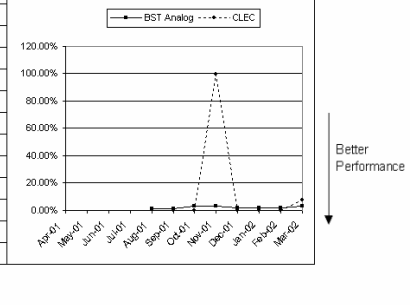


Note 1: Retail Residence / Business data serves as the BST Analog for this report
Note 2: Data included in B.2.19.3.2.2

Chart B.2.19.3.2.4 - March 2002 – 4.0 System Output (Non-Official Results)

B.2.19.3.2.4 Loop + Port Combinations/>=10 circuits/Dispatch In/GA (%)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
Apr-01									
May-01									
Jun-01									
Jul-01									
Aug-01	1.59%	2	126						
Sep-01	1.30%	4	308	0.00%	0	1		0.1145	YES
Oct-01	3.13%	3	96	0.00%	0	4		0.3520	YES
Nov-01	2.99%	4	134	100.00%	1	1		-5.6797	NO
Dec-01	1.64%	2	122	0.00%	0	3		0.2209	YES
Jan-02	1.72%	4	233	0.00%	0	1		0.1319	YES
Feb-02	1.61%	1	62	0.00%	0	3		0.2166	YES
Mar-02	3.26%	11	337	7.69%	1	13		-0.8817	YES

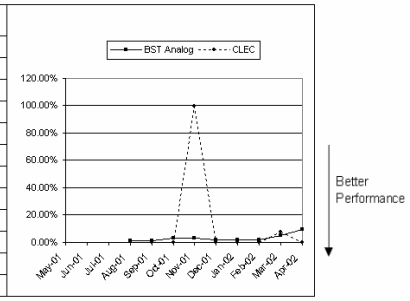


Note 1: Retail Residence / Business data serves as the BST Analog for this report
Note 2: Data included in B.2.19.3.2.2
Note 3: ATTORNEY-CLIENT PRIVILEGED DOCUMENT. PREPARED IN ANTICIPATION OF LITIGATION.

Chart B.2.19.3.2.4 - April 2002 – 2.6 System Output (Non-Official Results)

B.2.19.3.2.4 Loop + Port Combinations/>=10 circuits/Dispatch In/GA (%)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
May-01									
Jun-01									
Jul-01									
Aug-01	1.59%	2	126						
Sep-01	1.30%	4	308	0.00%	0	1		0.1145	YES
Oct-01	3.13%	3	96	0.00%	0	4		0.3520	YES
Nov-01	2.99%	4	134	100.00%	1	1		-5.6797	NO
Dec-01	1.64%	2	122	0.00%	0	3		0.2209	YES
Jan-02	1.72%	4	233	0.00%	0	1		0.1319	YES
Feb-02	1.61%	1	62	0.00%	0	3		0.2166	YES
Mar-02	4.85%	5	103	7.69%	1	13		-0.4486	YES
Apr-02	9.38%	6	64	0.00%	0	2		0.4479	YES

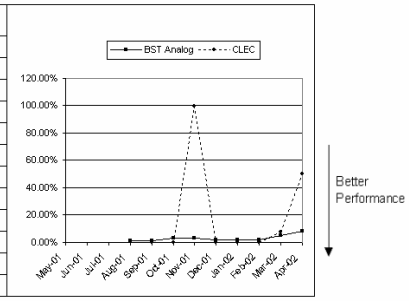


Note 1: Retail Residence / Business data serves as the BST Analog for this report
Note 2: Data included in B.2.19.3.2.2

Chart B.2.19.3.2.4 – April 2002 – 4.0 System Output (Official Results)

B.2.19.3.2.4 Loop + Port Combinations/>=10 circuits/Dispatch In/GA (%)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
May-01									
Jun-01									
Jul-01									
Aug-01	1.59%	2	126						
Sep-01	1.30%	4	308	0.00%	0	1		0.1145	YES
Oct-01	3.13%	3	96	0.00%	0	4		0.3520	YES
Nov-01	2.99%	4	134	100.00%	1	1		-5.6797	NO
Dec-01	1.64%	2	122	0.00%	0	3		0.2209	YES
Jan-02	1.72%	4	233	0.00%	0	1		0.1319	YES
Feb-02	1.61%	1	62	0.00%	0	3		0.2166	YES
Mar-02	4.85%	5	103	7.69%	1	13		-0.4486	YES
Apr-02	8.27%	11	133	50.00%	1	2		-2.1266	NO



Note 1: Retail Residence / Business data serves as the BST Analog for this report
Note 2: Data included in B.2.19.3.2.2

Difference Quantification - April

Volume: PMAP 2.6 picked up 44607 records. PMAP 4.0 picked up 44535 records.

PMAP 4.0 picked up 72 records less compared to PMAP 2.6

Numerator: PMAP 2.6 picked up 1223 records. PMAP 4.0 picked up 1266 records.

PMAP 4.0 picked up 43 records more compared to PMAP 2.6

Difference Explanation - April

Volume:

PMAP 4.0 has loaded 72 records less with UNE Loop + Port combination as compared to PMAP 2.6. These 72 records are marked for inclusion in the next processing month of this data set due to their completion dates being outside the reporting range for this measure. PMAP 2.6 included service orders that completed outside the reporting month when the beginning of the service order fell inside the reporting window when the source data snapshot timing allowed them to be included – effectively there was not a filter in PMAP 2.6 to handle 'crossover' month orders. This is generally not a problem, but because this measure works with 2 months of underlying data, it can show up to varying degrees when doing a comparative analysis month over month.

Numerator:

The 43 record difference is because of the common business rule change discussed at the beginning of this section.

Difference Quantification - March

Volume: PMAP 2.6 picked up 36018 records. PMAP 4.0 picked up 36433 records. PMAP 4.0 picked up 415 records more compared to PMAP 2.6

Numerator: PMAP 2.6 picked up 1031 records. PMAP 4.0 picked up 1093 records. PMAP 4.0 picked up 62 records more compared to PMAP 2.6

Difference Explanation - March

Volume:

PMAP 4.0 has loaded 415 more records with UNE Loop + Port combination compared to PMAP 2.6. These 415 records are 'crossover' month service orders as described above, and had been deferred previously, and are now being reported on in the measure.

Numerator:

The 62 record difference is because of the common business rule change discussed at the beginning of this section.

xDSL (ADSL, HDSL and UCL)

March Research Data

Chart Reference(s): B.2.19.5.1.1

B.2.19.5.1.2

B.2.19.5.2.1

B.2.19.5.2.2

April Research Data

Chart Reference(s): B.2.19.5.1.1

B.2.19.5.1.2

B.2.19.5.2.1

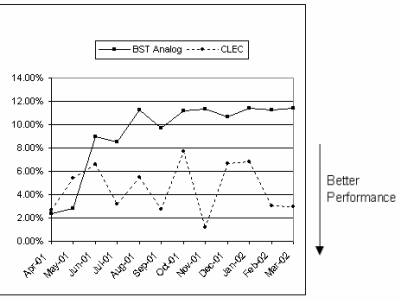
B.2.19.5.2.2

Chart Reference

Chart B.2.19.5.1.1 – March 2002 – 2.6 System Output (Official Results)

B.2.19.5.1.1 xDSL (ADSL, HDSL and UCL)/<10 circuits/Dispatch/GA (%)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
Apr-01	2.36%	302	12,806	2.63%	14	533		-0.4023	YES
May-01	2.83%	312	11,025	5.41%	36	666		-3.8991	NO
Jun-01	8.98%	1,179	13,124	6.59%	28	425		1.6996	YES
Jul-01	8.48%	1,100	12,969	3.17%	13	410		3.8008	YES
Aug-01	11.22%	1,368	12,188	5.49%	14	255		2.8708	YES
Sep-01	9.70%	1,164	12,005	2.78%	6	216		3.4056	YES
Oct-01	11.18%	837	7,489	7.69%	12	156		1.3670	YES
Nov-01	11.30%	973	8,613	1.22%	2	164		4.0385	YES
Dec-01	10.64%	1,046	9,832	6.67%	9	135		1.4866	YES
Jan-02	11.43%	1,399	12,238	6.80%	10	147		1.7533	YES
Feb-02	11.29%	1,066	9,443	3.07%	7	228		3.8750	YES
Mar-02	11.37%	933	8,204	2.96%	5	169		3.4104	YES

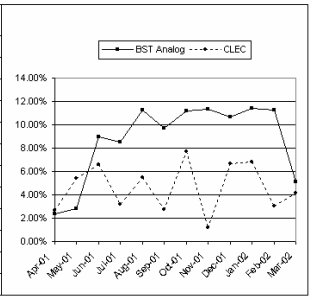


Note 1: ADSL Provided to Retail data serves as the BST Analog for this report

Chart B.2.19.5.1.1 - March 2002 – 4.0 System Output (Non-Official Results)

B.2.19.5.1.1 xDSL (ADSL, HDSL and UCL)/<10 circuits/Dispatch/GA (%)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
Apr-01	2.36%	302	12,806	2.63%	14	533		-0.4023	YES
May-01	2.83%	312	11,025	5.41%	36	666		-3.8991	NO
Jun-01	8.98%	1,179	13,124	6.59%	28	425		1.6996	YES
Jul-01	8.48%	1,100	12,969	3.17%	13	410		3.8008	YES
Aug-01	11.22%	1,368	12,188	5.49%	14	255		2.8708	YES
Sep-01	9.70%	1,164	12,005	2.78%	6	216		3.4056	YES
Oct-01	11.18%	837	7,489	7.69%	12	156		1.3670	YES
Nov-01	11.30%	973	8,613	1.22%	2	164		4.0385	YES
Dec-01	10.64%	1,046	9,832	6.67%	9	135		1.4866	YES
Jan-02	11.43%	1,399	12,238	6.80%	10	147		1.7533	YES
Feb-02	11.29%	1,066	9,443	3.07%	7	228		3.8750	YES
Mar-02	5.09%	414	8,141	4.12%	7	170		0.5684	YES

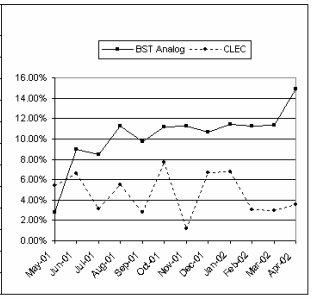


Note 1: ADSL Provided to Retail data serves as the BST Analog for this report
Note 2: ATTORNEY-CLIENT PRIVILEGED DOCUMENT. PREPARED IN ANTICIPATION OF LITIGATION.

Chart B.2.19.5.1.1 - April 2002 – 2.6 System Output (Non-Official Results)

B.2.19.5.1.1 xDSL (ADSL, HDSL and UCL)/<10 circuits/Dispatch/GA (%)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
May-01	2.83%	312	11,025	5.41%	36	666		-3.8991	NO
Jun-01	8.98%	1,179	13,124	6.59%	28	425		1.6996	YES
Jul-01	8.48%	1,100	12,969	3.17%	13	410		3.8008	YES
Aug-01	11.22%	1,368	12,188	5.49%	14	255		2.8708	YES
Sep-01	9.70%	1,164	12,005	2.78%	6	216		3.4056	YES
Oct-01	11.18%	837	7,489	7.69%	12	156		1.3670	YES
Nov-01	11.30%	973	8,613	1.22%	2	164		4.0385	YES
Dec-01	10.64%	1,046	9,832	6.67%	9	135		1.4866	YES
Jan-02	11.43%	1,399	12,238	6.80%	10	147		1.7533	YES
Feb-02	11.29%	1,066	9,443	3.07%	7	228		3.8750	YES
Mar-02	11.37%	933	8,204	2.96%	5	169		3.4104	YES
Apr-02	14.91%	1,429	9,582	3.59%	8	223		4.6937	YES

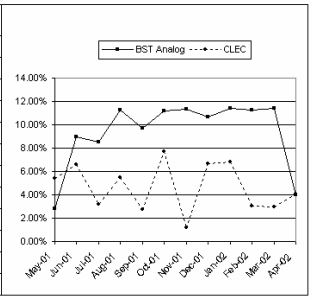


Note 1: ADSL Provided to Retail data serves as the BST Analog for this report

Chart B.2.19.5.1.1 – April 2002 – 4.0 System Output (Official Results)

B.2.19.5.1.1 xDSL (ADSL, HDSL and UCL)/<10 circuits/Dispatch/GA (%)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
May-01	2.83%	312	11,025	5.41%	36	666		-3.8991	NO
Jun-01	8.98%	1,179	13,124	6.59%	28	425		1.6996	YES
Jul-01	8.48%	1,100	12,969	3.17%	13	410		3.8008	YES
Aug-01	11.22%	1,368	12,188	5.49%	14	255		2.8708	YES
Sep-01	9.70%	1,164	12,005	2.78%	6	216		3.4056	YES
Oct-01	11.18%	837	7,489	7.69%	12	156		1.3670	YES
Nov-01	11.30%	973	8,613	1.22%	2	164		4.0385	YES
Dec-01	10.64%	1,046	9,832	6.67%	9	135		1.4866	YES
Jan-02	11.43%	1,399	12,238	6.80%	10	147		1.7533	YES
Feb-02	11.29%	1,066	9,443	3.07%	7	228		3.8750	YES
Mar-02	11.37%	933	8,204	2.96%	5	169		3.4104	YES
Apr-02	3.97%	376	9,460	4.05%	9	222		-0.0599	YES

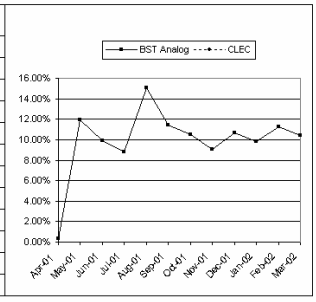


Note 1: ADSL Provided to Retail data serves as the BST Analog for this report

Chart B.2.19.5.1.2 - March 2002 – 2.6 System Output (Official Results)

B.2.19.5.1.2 xDSL (ADSL, HDSL and UCL)/<10 circuits/Non-Dispatch/GA (%)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
Apr-01	0.37%	54	14,505						
May-01	11.90%	55	462						
Jun-01	9.87%	55	557						
Jul-01	8.78%	44	501						
Aug-01	15.07%	52	345						
Sep-01	11.45%	34	297						
Oct-01	10.48%	187	1,785						
Nov-01	9.09%	307	3,379						
Dec-01	10.67%	404	3,786						
Jan-02	9.83%	462	4,699						
Feb-02	11.25%	458	4,072						
Mar-02	10.39%	345	3,319						

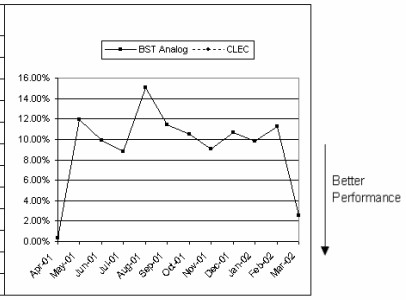


Note 1: ADSL Provided to Retail data serves as the BST Analog for this report

Chart B.2.19.5.1.2 - March 2002 – 4.0 System Output (Non-Official Results)

B.2.19.5.1.2 xDSL (ADSL, HDSL and UCL)/<10 circuits/Non-Dispatch/GA (%)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
Apr-01	0.37%	54	14,505						
May-01	11.90%	55	462						
Jun-01	9.87%	55	557						
Jul-01	8.78%	44	501						
Aug-01	15.07%	52	345						
Sep-01	11.45%	34	297						
Oct-01	10.48%	187	1,785						
Nov-01	9.09%	307	3,379						
Dec-01	10.67%	404	3,786						
Jan-02	9.83%	462	4,699						
Feb-02	11.25%	458	4,072						
Mar-02	2.56%	79	3,089						

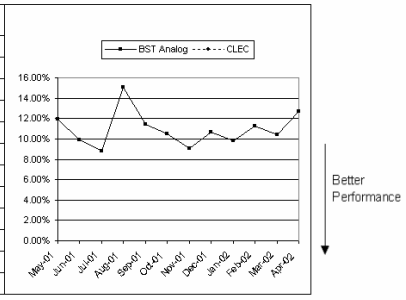


Note 1: ADSL Provided to Retail data serves as the BST Analog for this report
Note 2: ATTORNEY-CLIENT PRIVILEGED DOCUMENT. PREPARED IN ANTICIPATION OF LITIGATION.

Chart B.2.19.5.1.2 - April 2002 – 2.6 System Output (Non-Official Results)

B.2.19.5.1.2 xDSL (ADSL, HDSL and UCL)/<10 circuits/Non-Dispatch/GA (%)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
May-01	11.90%	55	462						
Jun-01	9.87%	55	557						
Jul-01	8.78%	44	501						
Aug-01	15.07%	52	345						
Sep-01	11.45%	34	297						
Oct-01	10.48%	187	1,785						
Nov-01	9.09%	307	3,379						
Dec-01	10.67%	404	3,786						
Jan-02	9.83%	462	4,699						
Feb-02	11.25%	458	4,072						
Mar-02	10.39%	345	3,319						
Apr-02	12.67%	471	3,716						

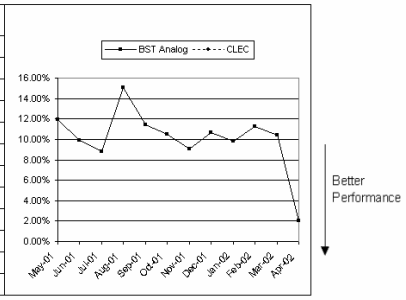


Note 1: ADSL Provided to Retail data serves as the BST Analog for this report

Chart B.2.19.5.1.2– April 2002 – 4.0 System Output (Official Results)

B.2.19.5.1.2 xDSL (ADSL, HDSL and UCL)/<10 circuits/Non-Dispatch/GA (%)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
May-01	11.90%	55	462						
Jun-01	9.87%	55	557						
Jul-01	8.78%	44	501						
Aug-01	15.07%	52	345						
Sep-01	11.45%	34	297						
Oct-01	10.48%	187	1,785						
Nov-01	9.09%	307	3,379						
Dec-01	10.67%	404	3,786						
Jan-02	9.83%	462	4,699						
Feb-02	11.25%	458	4,072						
Mar-02	10.39%	345	3,319						
Apr-02	2.06%	70	3,406						

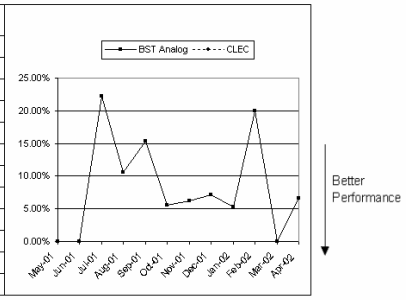


Note 1: ADSL Provided to Retail data serves as the BST Analog for this report

Chart B.2.19.5.2.1 - April 2002 – 2.6 System Output (Non-Official Results)

B.2.19.5.2.1 xDSL (ADSL, HDSL and UCL)/>=10 circuits/Dispatch/GA (%)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
May-01	0.00%	0	6						
Jun-01	0.00%	0	8						
Jul-01	22.22%	2	9						
Aug-01	10.53%	2	19						
Sep-01	15.38%	2	13						
Oct-01	5.56%	1	18						
Nov-01	6.25%	1	16						
Dec-01	7.14%	1	14						
Jan-02	5.26%	1	19						
Feb-02	20.00%	2	10						
Mar-02	0.00%	0	13						
Apr-02	6.67%	2	30						

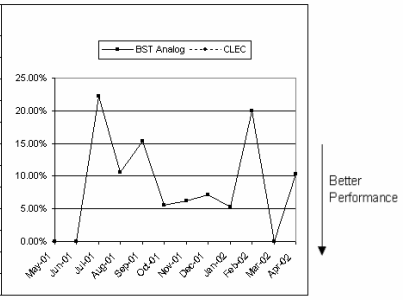


Note 1: ADSL Provided to Retail data serves as the BST Analog for this report

Chart B.2.19.5.2.1– April 2002 – 4.0 System Output (Official Results)

B.2.19.5.2.1 xDSL (ADSL, HDSL and UCL)/>=10 circuits/Dispatch/GA (%)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
May-01	0.00%	0	6						
Jun-01	0.00%	0	8						
Jul-01	22.22%	2	9						
Aug-01	10.53%	2	19						
Sep-01	15.38%	2	13						
Oct-01	5.56%	1	18						
Nov-01	6.25%	1	16						
Dec-01	7.14%	1	14						
Jan-02	5.26%	1	19						
Feb-02	20.00%	2	10						
Mar-02	0.00%	0	13						
Apr-02	10.34%	3	29						

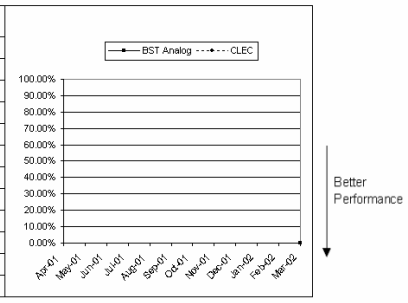


Note 1: ADSL Provided to Retail data serves as the BST Analog for this report

Chart B.2.19.5.2.2 – March 2002 – 2.6 System Output (Official Results)

B.2.19.5.2.2 xDSL (ADSL, HDSL and UCL)/>=10 circuits/Non-Dispatch/GA (%)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
Apr-01									
May-01									
Jun-01									
Jul-01									
Aug-01									
Sep-01									
Oct-01									
Nov-01									
Dec-01									
Jan-02									
Feb-02									
Mar-02	0.00%	0	2						

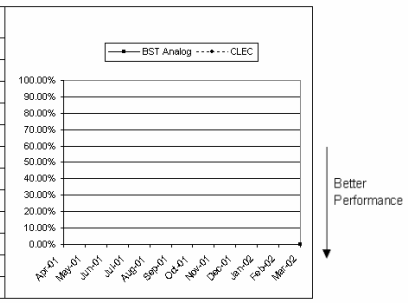


Note 1: ADSL Provided to Retail data serves as the BST Analog for this report

Chart B.2.19.5.2.2 - March 2002 – 4.0 System Output (Non-Official Results)

B.2.19.5.2.2 xDSL (ADSL, HDSL and UCL)/>=10 circuits/Non-Dispatch/GA (%)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
Apr-01									
May-01									
Jun-01									
Jul-01									
Aug-01									
Sep-01									
Oct-01									
Nov-01									
Dec-01									
Jan-02									
Feb-02									
Mar-02	0.00%	0	1						



Note 1: ADSL Provided to Retail data serves as the BST Analog for this report
Note 2: ATTORNEY-CLIENT PRIVILEGED DOCUMENT. PREPARED IN ANTICIPATION OF LITIGATION.

Difference Quantification - April

Volume: PMAP 2.6 picked up 223 records. PMAP 4.0 picked up 222 records.

PMAP 4.0 picked up 1 record less compared to PMAP 2.6

Numerator: PMAP 2.6 picked up 8 records. PMAP 4.0 picked up 9 records.

PMAP 4.0 picked up 1 record more compared to PMAP 2.6

Difference Explanation - April

Volume:

The product derivation rules used in PMAP 4.0 for UNE xDSL are different from the rules used by PMAP 2.6. Improved product identification rules in PMAP 4.0 identify UNE xDSL products at much granular levels with the help of S&E USOC. PMAP 2.6 identified UNE xDSL by looking at the basic class of service USOC. If PMAP 4.0 had identified UNE xDSL by using only the basic class of service USOC like PMAP 2.6, then PMAP 4.0 would have had 223 as the volume for UNE xDSL. Service order `'CO6VDCF1'` was not identified as a UNE xDSL product in PMAP 4.0 as it did not have a valid S&E USOC that specifies this product.

Numerator:

The 1 service order difference is because of the common business rule change discussed at the beginning of this section. Service Order number was `'COC3N5N1'.`

Difference Quantification - March

Volume: PMAP 2.6 picked up 169 records. PMAP 4.0 picked up 170 records.
PMAP 4.0 picked up 1 record more compared to PMAP 2.6

Numerator: PMAP 2.6 picked up 5 records. PMAP 4.0 picked up 7 records.
PMAP 4.0 picked up 2 records more compared to PMAP 2.6

Difference Explanation - March

Volume:

PMAP 2.6 included service orders that completed outside the reporting month when the beginning of the service order fell inside the reporting window when the source data snapshot timing allowed them to be included – effectively there was not a filter in PMAP 2.6 to handle 'crossover' month orders. This is generally not a problem, but because this measure works with 2

months of underlying data, it can show up to varying degrees when doing a comparative analysis month over month. PMAP 2.6 did not have the service order 'COC66YN5' marked for inclusion in this reporting month.

Numerator:

The 2 service order difference is because of the common business rule change discussed at the beginning of this section.

Line Sharing

March Research Data

Chart Reference(s): B.2.19.7.1.1

B.2.19.7.1.2

B.2.19.7.2.1

B.2.19.7.2.2

April Research Data

Chart Reference(s): B.2.19.7.1.1

B.2.19.7.1.2

B.2.19.7.2.1

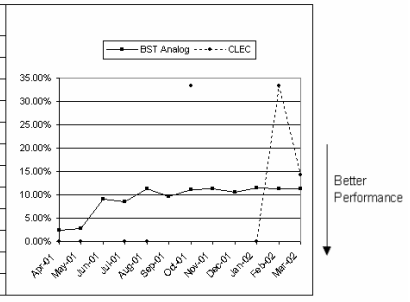
B.2.19.7.2.2

Chart Reference

Chart B.2.19.7.1.1 - March 2002 – 2.6 System Output (Official Results)

B.2.19.7.1.1 Line Sharing/<10 circuits/Dispatch/GA (%)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
Apr-01	2.36%	302	12,806	0.00%	0	2		0.2198	YES
May-01	2.83%	312	11,025	0.00%	0	1		0.1707	YES
Jun-01	8.98%	1,179	13,124						
Jul-01	8.48%	1,100	12,969	0.00%	0	3		0.5272	YES
Aug-01	11.22%	1,368	12,188	0.00%	0	6		0.8708	YES
Sep-01	9.70%	1,164	12,005						
Oct-01	11.18%	837	7,489	33.33%	1	3		-1.2178	YES
Nov-01	11.30%	973	8,613						
Dec-01	10.64%	1,046	9,832						
Jan-02	11.43%	1,399	12,238	0.00%	0	19		1.5648	YES
Feb-02	11.29%	1,066	9,443	33.33%	3	9		-2.0888	NO
Mar-02	11.37%	933	8,204	14.29%	1	7		-0.2427	YES

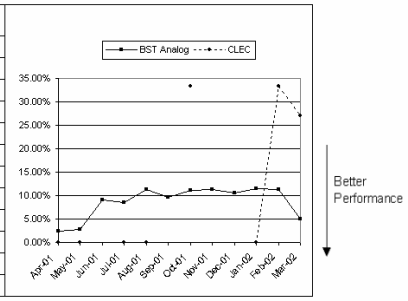


Note 1: ADSL Provided to Retail data serves as the BST Analog for this report
Note 2: Effective April 2001: Analog Changed from 'Tariffed ADSL' to 'ADSL Provided to Retail'

Chart B.2.19.7.1.1 - March 2002 – 4.0 System Output (Non-Official Results)

B.2.19.7.1.1 Line Sharing/<10 circuits/Dispatch/GA (%)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
Apr-01	2.36%	302	12,806	0.00%	0	2		0.2198	YES
May-01	2.83%	312	11,025	0.00%	0	1		0.1707	YES
Jun-01	8.98%	1,179	13,124						
Jul-01	8.48%	1,100	12,969	0.00%	0	3		0.5272	YES
Aug-01	11.22%	1,368	12,188	0.00%	0	6		0.8708	YES
Sep-01	9.70%	1,164	12,005						
Oct-01	11.18%	837	7,489	33.33%	1	3		-1.2178	YES
Nov-01	11.30%	973	8,613						
Dec-01	10.64%	1,046	9,832						
Jan-02	11.43%	1,399	12,238	0.00%	0	19		1.5648	YES
Feb-02	11.29%	1,066	9,443	33.33%	3	9		-2.0888	NO
Mar-02	5.09%	414	8,141	27.06%	23	85		-9.1733	NO

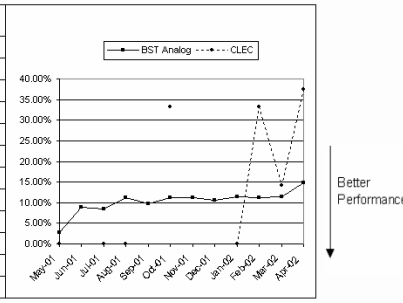


Note 1: ADSL Provided to Retail data serves as the BST Analog for this report
Note 2: Effective April 2001: Analog Changed from 'Tariffed ADSL' to 'ADSL Provided to Retail'
Note 3: ATTORNEY-CLIENT PRIVILEGED DOCUMENT. PREPARED IN ANTICIPATION OF LITIGATION.

Chart B.2.19.7.1.1 - April 2002 – 2.6 System Output (Non-Official Results)

B.2.19.7.1.1 Line Sharing/<10 circuits/Dispatch/GA (%)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
May-01	2.83%	312	11,025	0.00%	0	1		0.1707	YES
Jun-01	8.98%	1,179	13,124						
Jul-01	8.48%	1,100	12,969	0.00%	0	3		0.5272	YES
Aug-01	11.22%	1,368	12,188	0.00%	0	6		0.8708	YES
Sep-01	9.70%	1,164	12,005						
Oct-01	11.18%	837	7,489	33.33%	1	3		-1.2178	YES
Nov-01	11.30%	973	8,613						
Dec-01	10.64%	1,046	9,832						
Jan-02	11.43%	1,399	12,238	0.00%	0	19		1.5648	YES
Feb-02	11.29%	1,066	9,443	33.33%	3	9		-2.0888	NO
Mar-02	11.37%	933	8,204	14.29%	1	7		-0.2427	YES
Apr-02	14.91%	1,429	9,582	37.50%	3	8		-1.7927	NO

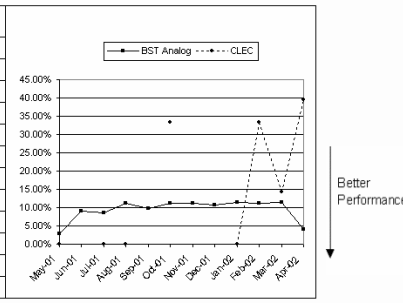


Note 1: ADSL Provided to Retail data serves as the BST Analog for this report
Note 2: Effective April 2001: Analog Changed from 'Tariffed ADSL' to 'ADSL Provided to Retail'

Chart B.2.19.7.1.1 - April 2002 – 4.0 System Output (Official Results)

B.2.19.7.1.1 Line Sharing/<10 circuits/Dispatch/GA (%)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
May-01	2.83%	312	11,025	0.00%	0	1		0.1707	YES
Jun-01	8.98%	1,179	13,124						
Jul-01	8.48%	1,100	12,969	0.00%	0	3		0.5272	YES
Aug-01	11.22%	1,368	12,188	0.00%	0	6		0.8708	YES
Sep-01	9.70%	1,164	12,005						
Oct-01	11.18%	837	7,489	33.33%	1	3		-1.2178	YES
Nov-01	11.30%	973	8,613						
Dec-01	10.64%	1,046	9,832						
Jan-02	11.43%	1,399	12,238	0.00%	0	19		1.5648	YES
Feb-02	11.29%	1,066	9,443	33.33%	3	9		-2.0888	NO
Mar-02	11.37%	933	8,204	14.29%	1	7		-0.2427	YES
Apr-02	3.97%	376	9,460	39.42%	41	104		-18.4034	NO

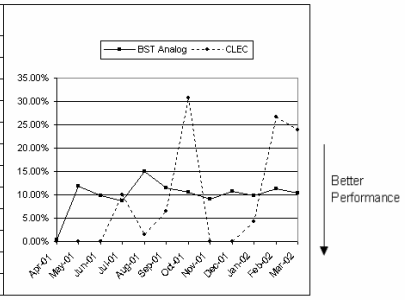


Note 1: ADSL Provided to Retail data serves as the BST Analog for this report
Note 2: Effective April 2001: Analog Changed from 'Tariffed ADSL' to 'ADSL Provided to Retail'

Chart B.2.19.7.1.2 - March 2002 – 2.6 System Output (Official Results)

B.2.19.7.1.2 Line Sharing/<10 circuits/Non-Dispatch/GA (%)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
Apr-01	0.37%	54	14,505	0.00%	0	125		0.6784	YES
May-01	11.90%	55	462	0.00%	0	69		2.8476	YES
Jun-01	9.87%	55	557	0.00%	0	28		1.7091	YES
Jul-01	8.78%	44	501	10.00%	7	70		-0.3371	YES
Aug-01	15.07%	52	345	1.54%	1	65		2.7976	YES
Sep-01	11.45%	34	297	6.45%	2	31		0.8317	YES
Oct-01	10.48%	187	1,785	30.77%	4	13		-2.3805	NO
Nov-01	9.09%	307	3,379	0.00%	0	3		0.5473	YES
Dec-01	10.67%	404	3,786	0.00%	0	4		0.6909	YES
Jan-02	9.83%	462	4,699	4.23%	3	71		1.5748	YES
Feb-02	11.25%	458	4,072	26.67%	4	15		-1.8866	NO
Mar-02	10.39%	345	3,319	23.81%	5	21		-2.0079	NO

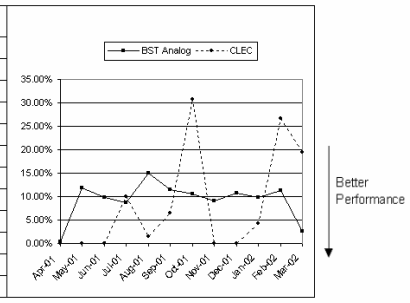


Note 1: ADSL Provided to Retail data serves as the BST Analog for this report
Note 2: Effective April 2001: Analog Changed from 'Tariffed ADSL' to 'ADSL Provided to Retail'

Chart B.2.19.7.1.2 - March 2002 – 4.0 System Output (Non-Official Results)

B.2.19.7.1.2 Line Sharing/<10 circuits/Non-Dispatch/GA (%)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
Apr-01	0.37%	54	14,505	0.00%	0	125		0.6784	YES
May-01	11.90%	55	462	0.00%	0	69		2.8476	YES
Jun-01	9.87%	55	557	0.00%	0	28		1.7091	YES
Jul-01	8.78%	44	501	10.00%	7	70		-0.3371	YES
Aug-01	15.07%	52	345	1.54%	1	65		2.7976	YES
Sep-01	11.45%	34	297	6.45%	2	31		0.8317	YES
Oct-01	10.48%	187	1,785	30.77%	4	13		-2.3805	NO
Nov-01	9.09%	307	3,379	0.00%	0	3		0.5473	YES
Dec-01	10.67%	404	3,786	0.00%	0	4		0.6909	YES
Jan-02	9.83%	462	4,699	4.23%	3	71		1.5748	YES
Feb-02	11.25%	458	4,072	26.67%	4	15		-1.8866	NO
Mar-02	2.56%	79	3,089	19.40%	65	335		-18.5511	NO

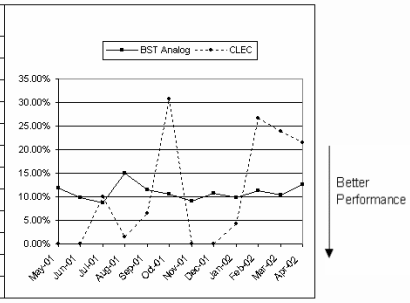


Note 1: ADSL Provided to Retail data serves as the BST Analog for this report
Note 2: Effective April 2001: Analog Changed from 'Tariffed ADSL' to 'ADSL Provided to Retail'
Note 3: ATTORNEY-CLIENT PRIVILEGED DOCUMENT. PREPARED IN ANTICIPATION OF LITIGATION.

Chart B.2.19.7.1.2 - April 2002 – 2.6 System Output (Non-Official Results)

B.2.19.7.1.2 Line Sharing/<10 circuits/Non-Dispatch/GA (%)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
May-01	11.90%	55	462	0.00%	0	69		2.8476	YES
Jun-01	9.87%	55	557	0.00%	0	28		1.7091	YES
Jul-01	8.78%	44	501	10.00%	7	70		-0.3371	YES
Aug-01	15.07%	52	345	1.54%	1	65		2.7976	YES
Sep-01	11.45%	34	297	6.45%	2	31		0.8317	YES
Oct-01	10.48%	187	1,785	30.77%	4	13		-2.3805	NO
Nov-01	9.09%	307	3,379	0.00%	0	3		0.5473	YES
Dec-01	10.67%	404	3,786	0.00%	0	4		0.6909	YES
Jan-02	9.83%	462	4,699	4.23%	3	71		1.5748	YES
Feb-02	11.25%	458	4,072	26.67%	4	15		-1.8866	NO
Mar-02	10.39%	345	3,319	23.81%	5	21		-2.0079	NO
Apr-02	12.67%	471	3,716	21.43%	3	14		-0.9826	YES

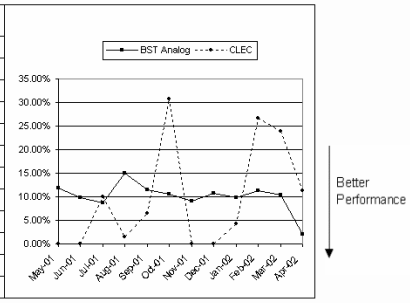


Note 1: ADSL Provided to Retail data serves as the BST Analog for this report
Note 2: Effective April 2001: Analog Changed from 'Tariffed ADSL' to 'ADSL Provided to Retail'

Chart B.2.19.7.1.2 - April 2002 – 4.0 System Output (Official Results)

B.2.19.7.1.2 Line Sharing/<10 circuits/Non-Dispatch/GA (%)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
May-01	11.90%	55	462	0.00%	0	69		2.8476	YES
Jun-01	9.87%	55	557	0.00%	0	28		1.7091	YES
Jul-01	8.78%	44	501	10.00%	7	70		-0.3371	YES
Aug-01	15.07%	52	345	1.54%	1	65		2.7976	YES
Sep-01	11.45%	34	297	6.45%	2	31		0.8317	YES
Oct-01	10.48%	187	1,785	30.77%	4	13		-2.3805	NO
Nov-01	9.09%	307	3,379	0.00%	0	3		0.5473	YES
Dec-01	10.67%	404	3,786	0.00%	0	4		0.6909	YES
Jan-02	9.83%	462	4,699	4.23%	3	71		1.5748	YES
Feb-02	11.25%	458	4,072	26.67%	4	15		-1.8866	NO
Mar-02	10.39%	345	3,319	23.81%	5	21		-2.0079	NO
Apr-02	2.06%	70	3,406	11.30%	39	345		-11.5383	NO

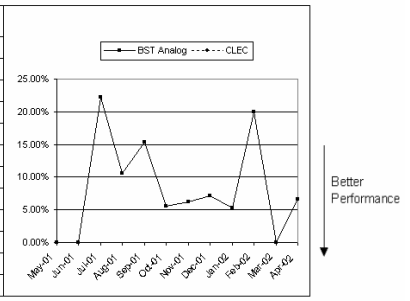


Note 1: ADSL Provided to Retail data serves as the BST Analog for this report
Note 2: Effective April 2001: Analog Changed from 'Tariffed ADSL' to 'ADSL Provided to Retail'

Chart B.2.19.7.2.1 - April 2002 – 2.6 System Output (Non-Official Results)

B.2.19.7.2.1 Line Sharing/>=10 circuits/Dispatch/GA (%)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
May-01	0.00%	0	6						
Jun-01	0.00%	0	8						
Jul-01	22.22%	2	9						
Aug-01	10.53%	2	19						
Sep-01	15.38%	2	13						
Oct-01	5.56%	1	18						
Nov-01	6.25%	1	16						
Dec-01	7.14%	1	14						
Jan-02	5.26%	1	19						
Feb-02	20.00%	2	10						
Mar-02	0.00%	0	13						
Apr-02	6.67%	2	30						

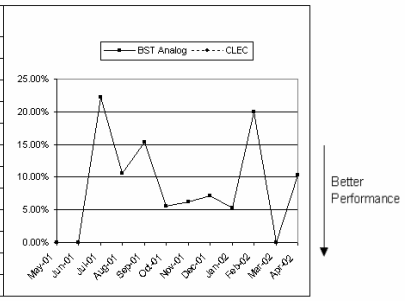


Note 1: ADSL Provided to Retail data serves as the BST Analog for this report
Note 2: Effective April 2001: Analog Changed from 'Tariffed ADSL' to 'ADSL Provided to Retail'

Chart B.2.19.7.2.1 - April 2002 – 4.0 System Output (Official Results)

B.2.19.7.2.1 Line Sharing/>=10 circuits/Dispatch/GA (%)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
May-01	0.00%	0	6						
Jun-01	0.00%	0	8						
Jul-01	22.22%	2	9						
Aug-01	10.53%	2	19						
Sep-01	15.38%	2	13						
Oct-01	5.56%	1	18						
Nov-01	6.25%	1	16						
Dec-01	7.14%	1	14						
Jan-02	5.26%	1	19						
Feb-02	20.00%	2	10						
Mar-02	0.00%	0	13						
Apr-02	10.34%	3	29						

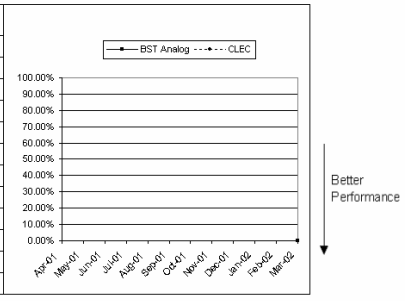


Note 1: ADSL Provided to Retail data serves as the BST Analog for this report
Note 2: Effective April 2001: Analog Changed from 'Tariffed ADSL' to 'ADSL Provided to Retail'

Chart B.2.19.7.2.2 - March 2002 – 2.6 System Output (Official Results)

B.2.19.7.2.2 Line Sharing/>=10 circuits/Non-Dispatch/GA (%)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
Apr-01									
May-01									
Jun-01									
Jul-01									
Aug-01									
Sep-01									
Oct-01									
Nov-01									
Dec-01									
Jan-02									
Feb-02									
Mar-02	0.00%	0	2						

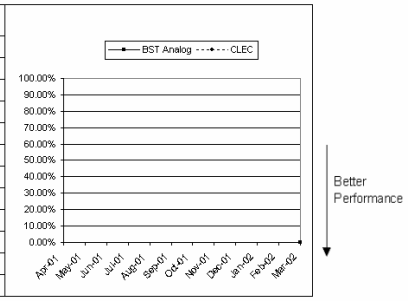


Note 1: ADSL Provided to Retail data serves as the BST Analog for this report
Note 2: Effective April 2001: Analog Changed from 'Tariffed ADSL' to 'ADSL Provided to Retail'

Chart B.2.19.7.2.2 - March 2002 – 4.0 System Output (Non-Official Results)

B.2.19.7.2.2 Line Sharing/>=10 circuits/Non-Dispatch/GA (%)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
Apr-01									
May-01									
Jun-01									
Jul-01									
Aug-01									
Sep-01									
Oct-01									
Nov-01									
Dec-01									
Jan-02									
Feb-02									
Mar-02	0.00%	0	1						



Note 1: ADSL Provided to Retail data serves as the BST Analog for this report
Note 2: Effective April 2001: Analog Changed from 'Tariffed ADSL' to 'ADSL Provided to Retail'
Note 3: ATTORNEY-CLIENT PRIVILEGED DOCUMENT. PREPARED IN ANTICIPATION OF LITIGATION.

Difference Quantification - April

Volume: PMAP 2.6 picked up 22 records. PMAP 4.0 picked up 449 records.

PMAP 4.0 picked up 427 records more compared to PMAP 2.6

Numerator: PMAP 2.6 picked up 6 records. PMAP 4.0 picked up 80 records.

PMAP 4.0 picked up 74 records more compared to PMAP 2.6

Difference Explanation - April

Volume:

In PMAP 2.6, the 427 service orders have not been identified as Line Sharing, because in PMAP 2.6 there was no corresponding UNN1 FID found for these service orders. The reason there was no UNN1 FID in PMAP 2.6 for these service orders is the UNN1 FID may appear before or after the S&E USOC ULSDE and the PMAP 2.6 system was not taking that into account. PMAP 2.6 program was looking for UNN1 FID only after the S&E USOC ULSDE.

In PMAP 4.0, the same service orders were identified as Line Sharing, because in PMAP 4.0 there were corresponding UNN1 FID found for these service orders and with the appropriate criteria for identifying Line Sharing.

Numerator:

The difference in numerator is caused by the difference in the volume of service orders identified as Line Sharing, as explained above.

Difference Quantification - March

Volume: PMAP 2.6 picked up 28 records. PMAP 4.0 picked up 420 records.
PMAP 4.0 picked up 392 records more compared to PMAP 2.6

Numerator: PMAP 2.6 picked up 6 records. PMAP 4.0 picked up 88 records.
PMAP 4.0 picked up 82 records more compared to PMAP 2.6

Difference Explanation - March

Volume:

In PMAP 2.6, the 392 service orders have not been identified as Line Sharing, because in PMAP 2.6 there was no corresponding UNN1 FID found for these service orders. The reason there were no UNN1 FID in PMAP 2.6 for these service orders were because the UNN1 FID may appear before or after the S&E USOC ULSDE and the PMAP 2.6 system was not taking that into account. PMAP 2.6 program was looking for UNN1 FID only after the S&E USOC ULSDE.

In PMAP 4.0, the same service orders were identified as Line Sharing, because in PMAP 4.0 there were corresponding UNN1 FID found for these service orders and with the appropriate criteria for identifying Line Sharing.

Numerator:

The difference in numerator is caused by the difference in the volume of service orders identified as Line Sharing, as explained above.

2Wire Analog Loop Design

March Research Data

Chart Reference(s): B.2.19.8.1.1

B.2.19.8.1.2

B.2.19.8.2.1

B.2.19.8.2.2

April Research Data

Chart Reference(s): B.2.19.8.1.1

B.2.19.8.1.2

B.2.19.8.2.1

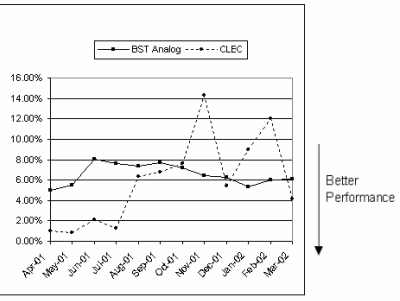
B.2.19.8.2.2

Chart Reference

Chart B.2.19.8.1.1 - March 2002 – 2.6 System Output (Official Results)

B.2.19.8.1.1 2W Analog Loop Design/<10 circuits/Dispatch/GA (%)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
Apr-01	5.04%	3,788	75,217	1.04%	11	1,056		5.8968	YES
May-01	5.52%	3,963	71,773	0.88%	8	914		6.1051	YES
Jun-01	8.01%	4,278	53,418	2.13%	8	376		4.1849	YES
Jul-01	7.62%	4,089	53,663	1.29%	5	388		4.6825	YES
Aug-01	7.37%	4,004	54,316	6.36%	7	110		0.4042	YES
Sep-01	7.74%	5,239	67,665	6.77%	9	133		0.4206	YES
Oct-01	7.20%	4,123	57,267	7.63%	9	118		-0.1795	YES
Nov-01	6.40%	4,209	65,720	14.29%	7	49		-2.2525	NO
Dec-01	6.25%	3,553	56,856	5.45%	6	110		0.3440	YES
Jan-02	5.30%	3,345	63,071	8.97%	7	78		-1.4457	YES
Feb-02	6.00%	3,585	59,776	12.00%	15	125		-2.8235	NO
Mar-02	6.09%	3,382	55,576	4.12%	4	97		0.8075	YES

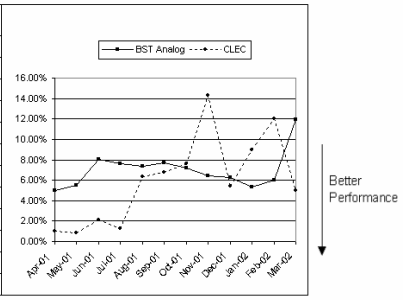


Note 1: Residence and Business - Dispatch data serves as the BST Analog for this report

Chart B.2.19.8.1.1 - March 2002 – 4.0 System Output (Non-Official Results)

B.2.19.8.1.1 2W Analog Loop Design/<10 circuits/Dispatch/GA (%)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
Apr-01	5.04%	3,788	75,217	1.04%	11	1,056		5.8968	YES
May-01	5.52%	3,963	71,773	0.88%	8	914		6.1051	YES
Jun-01	8.01%	4,278	53,418	2.13%	8	376		4.1849	YES
Jul-01	7.62%	4,089	53,663	1.29%	5	388		4.6825	YES
Aug-01	7.37%	4,004	54,316	6.36%	7	110		0.4042	YES
Sep-01	7.74%	5,239	67,665	6.77%	9	133		0.4206	YES
Oct-01	7.20%	4,123	57,267	7.63%	9	118		-0.1795	YES
Nov-01	6.40%	4,209	65,720	14.29%	7	49		-2.2525	NO
Dec-01	6.25%	3,553	56,856	5.45%	6	110		0.3440	YES
Jan-02	5.30%	3,345	63,071	8.97%	7	78		-1.4457	YES
Feb-02	6.00%	3,585	59,776	12.00%	15	125		-2.8235	NO
Mar-02	11.92%	6,486	54,419	5.00%	5	100		2.1334	YES

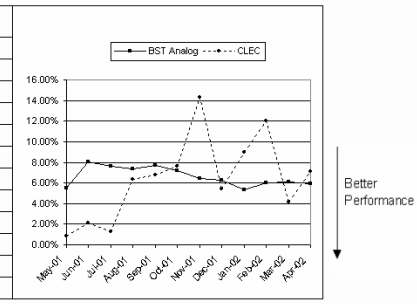


Note 1: Residence and Business - Dispatch data serves as the BST Analog for this report
Note 2: ATTORNEY-CLIENT PRIVILEGED DOCUMENT. PREPARED IN ANTICIPATION OF LITIGATION.

Chart B.2.19.8.1.1 - April 2002 – 2.6 System Output (Non-Official Results)

B.2.19.8.1.1 2W Analog Loop Design/<10 circuits/Dispatch/GA (%)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
May-01	5.52%	3,963	71,773	0.88%	8	914		6.1051	YES
Jun-01	8.01%	4,278	53,418	2.13%	8	376		4.1849	YES
Jul-01	7.62%	4,089	53,663	1.29%	5	388		4.6825	YES
Aug-01	7.37%	4,004	54,316	6.36%	7	110		0.4042	YES
Sep-01	7.74%	5,239	67,665	6.77%	9	133		0.4206	YES
Oct-01	7.20%	4,123	57,267	7.63%	9	118		-0.1795	YES
Nov-01	6.40%	4,209	65,720	14.29%	7	49		-2.2525	NO
Dec-01	6.25%	3,553	56,856	5.45%	6	110		0.3440	YES
Jan-02	5.30%	3,345	63,071	8.97%	7	78		-1.4457	YES
Feb-02	6.00%	3,585	59,776	12.00%	15	125		-2.8235	NO
Mar-02	6.09%	3,382	55,576	4.12%	4	97		0.8075	YES
Apr-02	5.89%	3,647	61,908	7.10%	11	155		-0.6368	YES

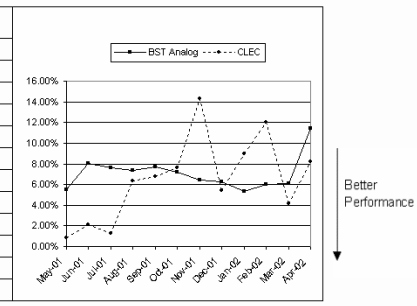


Note 1: Residence and Business - Dispatch data serves as the BST Analog for this report

Chart B.2.19.8.1.1 - April 2002 – 4.0 System Output (Official Results)

B.2.19.8.1.1 2W Analog Loop Design/<10 circuits/Dispatch/GA (%)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
May-01	5.52%	3,963	71,773	0.88%	8	914		6.1051	YES
Jun-01	8.01%	4,278	53,418	2.13%	8	376		4.1849	YES
Jul-01	7.62%	4,089	53,663	1.29%	5	388		4.6825	YES
Aug-01	7.37%	4,004	54,316	6.36%	7	110		0.4042	YES
Sep-01	7.74%	5,239	67,665	6.77%	9	133		0.4206	YES
Oct-01	7.20%	4,123	57,267	7.63%	9	118		-0.1795	YES
Nov-01	6.40%	4,209	65,720	14.29%	7	49		-2.2525	NO
Dec-01	6.25%	3,553	56,856	5.45%	6	110		0.3440	YES
Jan-02	5.30%	3,345	63,071	8.97%	7	78		-1.4457	YES
Feb-02	6.00%	3,585	59,776	12.00%	15	125		-2.8235	NO
Mar-02	6.09%	3,382	55,576	4.12%	4	97		0.8075	YES
Apr-02	11.43%	6,956	60,878	8.23%	13	158		1.2621	YES

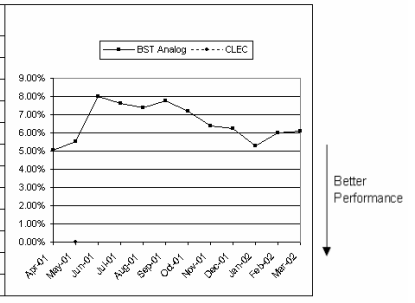


Note 1: Residence and Business - Dispatch data serves as the BST Analog for this report

Chart B.2.19.8.1.2 - March 2002 – 2.6 System Output (Official Results)

B.2.19.8.1.2 2W Analog Loop Design/<10 circuits/Non-Dispatch/GA (%)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
Apr-01	5.04%	3,788	75,217						
May-01	5.52%	3,963	71,773	0.00%	0	2		0.3419	YES
Jun-01	8.01%	4,278	53,418						
Jul-01	7.62%	4,089	53,663						
Aug-01	7.37%	4,004	54,316						
Sep-01	7.74%	5,239	67,665						
Oct-01	7.20%	4,123	57,267						
Nov-01	6.40%	4,209	65,720						
Dec-01	6.25%	3,553	56,856						
Jan-02	5.30%	3,345	63,071						
Feb-02	6.00%	3,585	59,776						
Mar-02	6.09%	3,382	55,576						

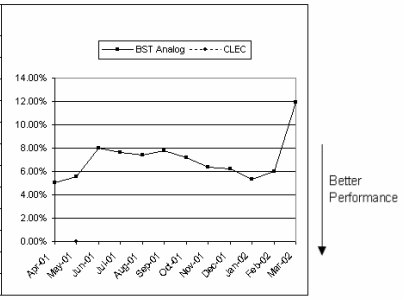


Note 1: Residence and Business - Dispatch data serves as the BST Analog for this report

Chart B.2.19.8.1.2 - March 2002 – 4.0 System Output (Non-Official Results)

B.2.19.8.1.2 2W Analog Loop Design/<10 circuits/Non-Dispatch/GA (%)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
Apr-01	5.04%	3,788	75,217						
May-01	5.52%	3,963	71,773	0.00%	0	2		0.3419	YES
Jun-01	8.01%	4,278	53,418						
Jul-01	7.62%	4,089	53,663						
Aug-01	7.37%	4,004	54,316						
Sep-01	7.74%	5,239	67,665						
Oct-01	7.20%	4,123	57,267						
Nov-01	6.40%	4,209	65,720						
Dec-01	6.25%	3,553	56,856						
Jan-02	5.30%	3,345	63,071						
Feb-02	6.00%	3,585	59,776						
Mar-02	11.92%	6,486	54,419						

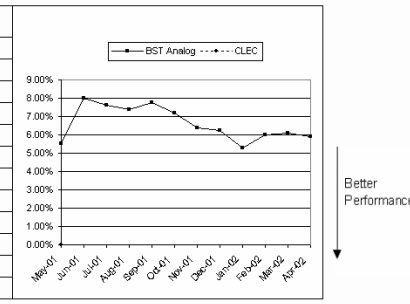


Note 1: Residence and Business - Dispatch data serves as the BST Analog for this report
Note 2: ATTORNEY-CLIENT PRIVILEGED DOCUMENT. PREPARED IN ANTICIPATION OF LITIGATION.

Chart B.2.19.8.1.2 - April 2002 – 2.6 System Output (Non-Official Results)

B.2.19.8.1.2 2W Analog Loop Design/<10 circuits/Non-Dispatch/GA (%)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
May-01	5.52%	3,963	71,773	0.00%	0	2		0.3419	YES
Jun-01	8.01%	4,278	53,418						
Jul-01	7.62%	4,089	53,663						
Aug-01	7.37%	4,004	54,316						
Sep-01	7.74%	5,239	67,665						
Oct-01	7.20%	4,123	57,267						
Nov-01	6.40%	4,209	65,720						
Dec-01	6.25%	3,553	56,856						
Jan-02	5.30%	3,345	63,071						
Feb-02	6.00%	3,585	59,776						
Mar-02	6.09%	3,382	55,576						
Apr-02	5.89%	3,647	61,908						

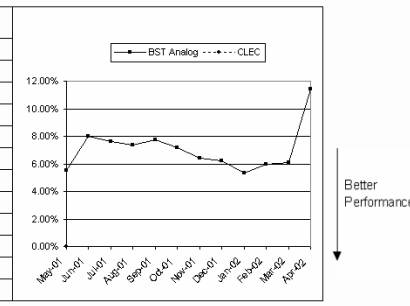


Note 1: Residence and Business - Dispatch data serves as the BST Analog for this report

Chart B.2.19.8.1.2 - April 2002 – 4.0 System Output (Official Results)

B.2.19.8.1.2 2W Analog Loop Design/<10 circuits/Non-Dispatch/GA (%)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
May-01	5.52%	3,963	71,773	0.00%	0	2		0.3419	YES
Jun-01	8.01%	4,278	53,418						
Jul-01	7.62%	4,089	53,663						
Aug-01	7.37%	4,004	54,316						
Sep-01	7.74%	5,239	67,665						
Oct-01	7.20%	4,123	57,267						
Nov-01	6.40%	4,209	65,720						
Dec-01	6.25%	3,553	56,856						
Jan-02	5.30%	3,345	63,071						
Feb-02	6.00%	3,585	59,776						
Mar-02	6.09%	3,382	55,576						
Apr-02	11.43%	6,956	60,878						

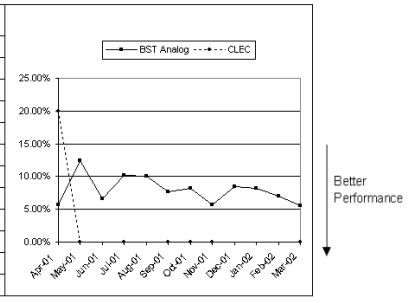


Note 1: Residence and Business - Dispatch data serves as the BST Analog for this report

Chart B.2.19.8.2.1 - March 2002 – 2.6 System Output (Official Results)

B.2.19.8.2.1 2W Analog Loop Design/>=10 circuits/Dispatch/GA (%)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
Apr-01	5.68%	13	229	20.00%	5	25		-2.9386	NO
May-01	12.37%	24	194	0.00%	0	2		0.5287	YES
Jun-01	6.67%	12	180						
Jul-01	10.14%	21	207	0.00%	0	2		0.4729	YES
Aug-01	10.09%	23	228						
Sep-01	7.66%	21	274	0.00%	0	1		0.2876	YES
Oct-01	8.26%	19	230	0.00%	0	1		0.2994	YES
Nov-01	5.75%	15	261	0.00%	0	1		0.2465	YES
Dec-01	8.44%	20	237						
Jan-02	8.19%	14	171						
Feb-02	7.05%	16	227						
Mar-02	5.53%	12	217	0.00%	0	1		0.2414	YES

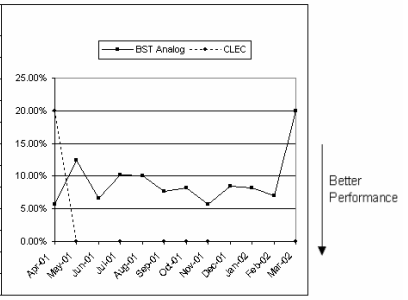


Note 1: Residence and Business - Dispatch data serves as the BST Analog for this report

Chart B.2.19.8.2.1 - March 2002 – 4.0 System Output (Non-Official Results)

B.2.19.8.2.1 2W Analog Loop Design/>=10 circuits/Dispatch/GA (%)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
Apr-01	5.68%	13	229	20.00%	5	25		-2.9386	NO
May-01	12.37%	24	194	0.00%	0	2		0.5287	YES
Jun-01	6.67%	12	180						
Jul-01	10.14%	21	207	0.00%	0	2		0.4729	YES
Aug-01	10.09%	23	228						
Sep-01	7.66%	21	274	0.00%	0	1		0.2876	YES
Oct-01	8.26%	19	230	0.00%	0	1		0.2994	YES
Nov-01	5.75%	15	261	0.00%	0	1		0.2465	YES
Dec-01	8.44%	20	237						
Jan-02	8.19%	14	171						
Feb-02	7.05%	16	227						
Mar-02	20.00%	42	210	0.00%	0	1		0.4988	YES

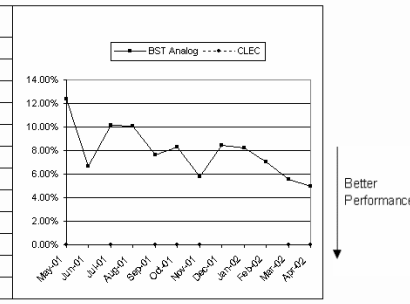


Note 1: Residence and Business - Dispatch data serves as the BST Analog for this report
Note 2: ATTORNEY-CLIENT PRIVILEGED DOCUMENT. PREPARED IN ANTICIPATION OF LITIGATION.

Chart B.2.19.8.2.1 - April 2002 – 2.6 System Output (Non-Official Results)

B.2.19.8.2.1 2W Analog Loop Design/>=10 circuits/Dispatch/GA (%)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
May-01	12.37%	24	194	0.00%	0	2		0.5287	YES
Jun-01	6.67%	12	180						
Jul-01	10.14%	21	207	0.00%	0	2		0.4729	YES
Aug-01	10.09%	23	228						
Sep-01	7.66%	21	274	0.00%	0	1		0.2876	YES
Oct-01	8.26%	19	230	0.00%	0	1		0.2994	YES
Nov-01	5.75%	15	261	0.00%	0	1		0.2465	YES
Dec-01	8.44%	20	237						
Jan-02	8.19%	14	171						
Feb-02	7.05%	16	227						
Mar-02	5.53%	12	217	0.00%	0	1		0.2414	YES
Apr-02	4.95%	14	283	0.00%	0	6		0.5530	YES

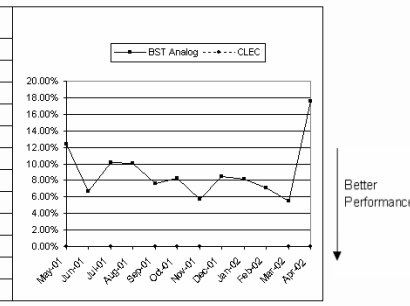


Note 1: Residence and Business - Dispatch data serves as the BST Analog for this report

Chart B.2.19.8.2.1 - April 2002 – 4.0 System Output (Official Results)

B.2.19.8.2.1 2W Analog Loop Design/>=10 circuits/Dispatch/GA (%)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
May-01	12.37%	24	194	0.00%	0	2		0.5287	YES
Jun-01	6.67%	12	180						
Jul-01	10.14%	21	207	0.00%	0	2		0.4729	YES
Aug-01	10.09%	23	228						
Sep-01	7.66%	21	274	0.00%	0	1		0.2876	YES
Oct-01	8.26%	19	230	0.00%	0	1		0.2994	YES
Nov-01	5.75%	15	261	0.00%	0	1		0.2465	YES
Dec-01	8.44%	20	237						
Jan-02	8.19%	14	171						
Feb-02	7.05%	16	227						
Mar-02	5.53%	12	217	0.00%	0	1		0.2414	YES
Apr-02	17.61%	50	284	0.00%	0	6		1.1205	YES

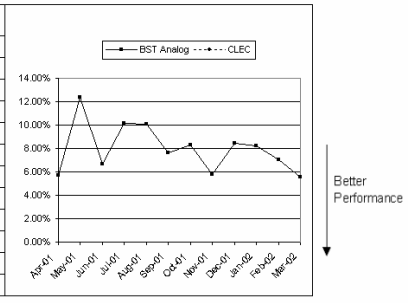


Note 1: Residence and Business - Dispatch data serves as the BST Analog for this report

Chart B.2.19.8.2.2 - March 2002 – 2.6 System Output (Official Results)

B.2.19.8.2.2 2W Analog Loop Design/>=10 circuits/Non-Dispatch/GA (%)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
Apr-01	5.68%	13	229						
May-01	12.37%	24	194						
Jun-01	6.67%	12	180						
Jul-01	10.14%	21	207						
Aug-01	10.09%	23	228						
Sep-01	7.66%	21	274						
Oct-01	8.26%	19	230						
Nov-01	5.75%	15	261						
Dec-01	8.44%	20	237						
Jan-02	8.19%	14	171						
Feb-02	7.05%	16	227						
Mar-02	5.53%	12	217						

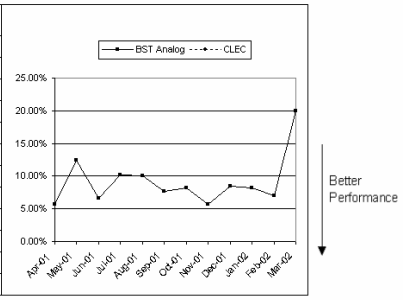


Note 1: Residence and Business - Dispatch data serves as the BST Analog for this report

Chart B.2.19.8.2.2 - March 2002 – 4.0 System Output (Non-Official Results)

B.2.19.8.2.2 2W Analog Loop Design/>=10 circuits/Non-Dispatch/GA (%)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
Apr-01	5.68%	13	229						
May-01	12.37%	24	194						
Jun-01	6.67%	12	180						
Jul-01	10.14%	21	207						
Aug-01	10.09%	23	228						
Sep-01	7.66%	21	274						
Oct-01	8.26%	19	230						
Nov-01	5.75%	15	261						
Dec-01	8.44%	20	237						
Jan-02	8.19%	14	171						
Feb-02	7.05%	16	227						
Mar-02	20.00%	42	210						

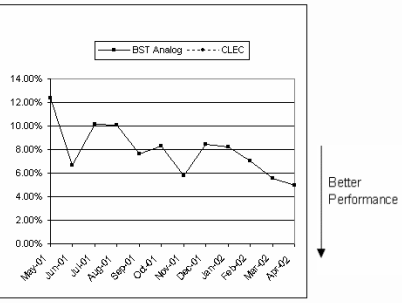


Note 1: Residence and Business - Dispatch data serves as the BST Analog for this report
Note 2: ATTORNEY-CLIENT PRIVILEGED DOCUMENT. PREPARED IN ANTICIPATION OF LITIGATION.

Chart B.2.19.8.2.2 - April 2002 – 2.6 System Output (Non-Official Results)

B.2.19.8.2.2 2W Analog Loop Design/>=10 circuits/Non-Dispatch/GA (%)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
May-01	12.37%	24	194						
Jun-01	6.67%	12	180						
Jul-01	10.14%	21	207						
Aug-01	10.09%	23	228						
Sep-01	7.66%	21	274						
Oct-01	8.26%	19	230						
Nov-01	5.75%	15	261						
Dec-01	8.44%	20	237						
Jan-02	8.19%	14	171						
Feb-02	7.05%	16	227						
Mar-02	5.53%	12	217						
Apr-02	4.95%	14	283						

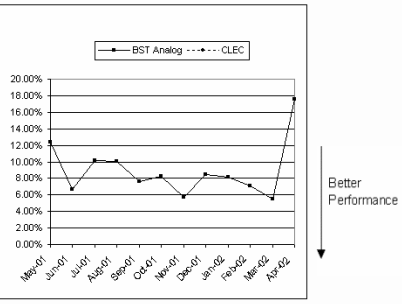


Note 1: Residence and Business - Dispatch data serves as the BST Analog for this report

Chart B.2.19.8.2.2 - April 2002 – 4.0 System Output (Official Results)

B.2.19.8.2.2 2W Analog Loop Design/>=10 circuits/Non-Dispatch/GA (%)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
May-01	12.37%	24	194						
Jun-01	6.67%	12	180						
Jul-01	10.14%	21	207						
Aug-01	10.09%	23	228						
Sep-01	7.66%	21	274						
Oct-01	8.26%	19	230						
Nov-01	5.75%	15	261						
Dec-01	8.44%	20	237						
Jan-02	8.19%	14	171						
Feb-02	7.05%	16	227						
Mar-02	5.53%	12	217						
Apr-02	17.61%	50	284						



Note 1: Residence and Business - Dispatch data serves as the BST Analog for this report

Difference Quantification - April

Volume: PMAP 2.6 picked up 161 records. PMAP 4.0 picked up 164 records.

PMAP 4.0 picked up 3 records more compared to PMAP 2.6

Numerator: PMAP 2.6 picked up 11 records. PMAP 4.0 picked up 13 records.

PMAP 4.0 picked up 2 records more compared to PMAP 2.6

Difference Explanation - April

Volume:

Out of the 3 service orders that PMAP 2.6 has not identified as UNE 2W Analog Loop Design, one service order (with order number: 'COCPCB96') is missing in PMAP 2.6, and 2 service orders (with order numbers: 'COCL7L71', 'CO9D5MY1'), although present in PMAP 2.6, have not been identified as UNE 2W Analog Loop Design. These 2 service orders have the necessary criteria to be identified as UNE 2W Analog Loop Design, but PMAP 2.6 identified them as UNE Other Design product.

Numerator:

The 2 service order difference is because of the common business rule change discussed at the beginning of this section.

Difference Quantification - March

Volume:	PMAP 2.6 picked up 98 records. PMAP 4.0 picked up 101 records.
	PMAP 4.0 picked up 3 records more compared to PMAP 2.6
Numerator:	PMAP 2.6 picked up 4 records. PMAP 4.0 picked up 5 records.
	PMAP 4.0 picked up 1 record more compared to PMAP 2.6

Difference Explanation - March

Volume:

PMAP 2.6 has identified the 3 difference service orders (with order numbers: 'CO3YTC08','CODCFVG1','CO8TMYR4') as UNE 2w Analog Loop Design w/LNP product. These three service orders have been identified by PMAP 4.0 as UNE 2w Analog Loop Design product.

Details:

The UNE 2W Analog Loop w/LNP product for a service order is derived based on the number portability details from the corresponding service request. In PMAP 4.0 the service requests for these 3 service orders did not contain the number portability details to be identified as Loop with LNP product. For this reason, PMAP 4.0 could not identify these service orders as

UNE 2W Analog Loop w/LNP Design product. PMAP 4.0 identified these service orders as UNE 2W Analog Loop w/o NP Design product. This has caused the above difference in volume by 3 service orders.

Numerator:

The 1 service order difference is because of the common business rule change discussed at the beginning of this section.

2Wire Analog Loop - Non-Design

March Research Data

Chart Reference(s): B.2.19.9.1.1

B.2.19.9.1.4

B.2.19.9.2.1

B.2.19.7.2.4

April Research Data

Chart Reference(s): B.2.19.9.1.1

B.2.19.9.1.4

B.2.19.9.2.1

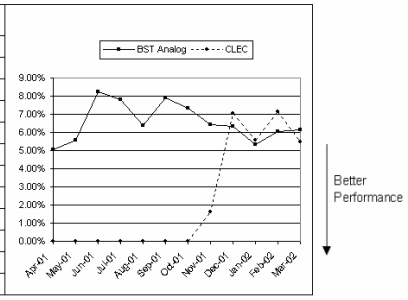
B.2.19.7.2.4

Chart Reference

Chart B.2.19.9.1.1 - March 2002 – 2.6 System Output (Official Results)

B.2.19.9.1.1 2W Analog Loop Non-Design/<10 circuits/Dispatch/GA (%)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
Apr-01	5.06%	3,781	74,699	0.00%	0	576		5.5204	YES
May-01	5.55%	3,950	71,159	0.00%	0	515		5.4818	YES
Jun-01	8.24%	4,261	51,700	0.00%	0	177		3.9805	YES
Jul-01	7.83%	4,072	51,996	0.00%	0	246		4.5611	YES
Aug-01	6.40%	5,424	84,719	0.00%	0	203		3.7219	YES
Sep-01	7.90%	5,205	65,904	0.00%	0	263		4.7395	YES
Oct-01	7.35%	4,104	55,845	0.00%	0	245		4.3986	YES
Nov-01	6.44%	4,130	64,103	1.64%	1	61		1.5273	YES
Dec-01	6.31%	3,504	55,522	7.04%	15	213		-0.4381	YES
Jan-02	5.33%	3,306	61,987	5.58%	14	251		-0.1719	YES
Feb-02	6.04%	3,533	58,472	7.14%	16	224		-0.6900	YES
Mar-02	6.14%	3,328	54,161	5.49%	9	164		0.3497	YES

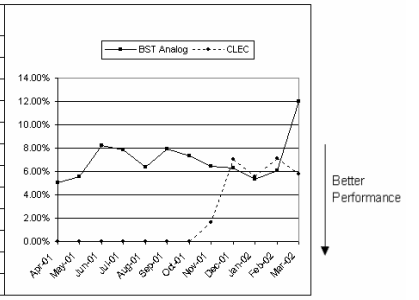


Note 1: Retail Residence / Business (POTS) excluding Switch Based Orders data serves as the BST Analog for this report

Chart B.2.19.9.1.1 - March 2002 – 4.0 System Output (Non-Official Results)

B.2.19.9.1.1 2W Analog Loop Non-Design/<10 circuits/Dispatch/GA (%)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
Apr-01	5.06%	3,781	74,699	0.00%	0	576		5.5204	YES
May-01	5.55%	3,950	71,159	0.00%	0	515		5.4818	YES
Jun-01	8.24%	4,261	51,700	0.00%	0	177		3.9805	YES
Jul-01	7.83%	4,072	51,996	0.00%	0	246		4.5611	YES
Aug-01	6.40%	5,424	84,719	0.00%	0	203		3.7219	YES
Sep-01	7.90%	5,205	65,904	0.00%	0	263		4.7395	YES
Oct-01	7.35%	4,104	55,845	0.00%	0	245		4.3986	YES
Nov-01	6.44%	4,130	64,103	1.64%	1	61		1.5273	YES
Dec-01	6.31%	3,504	55,522	7.04%	15	213		-0.4381	YES
Jan-02	5.33%	3,306	61,987	5.58%	14	251		-0.1719	YES
Feb-02	6.04%	3,533	58,472	7.14%	16	224		-0.6900	YES
Mar-02	11.98%	6,352	53,018	5.75%	10	174		2.5280	YES

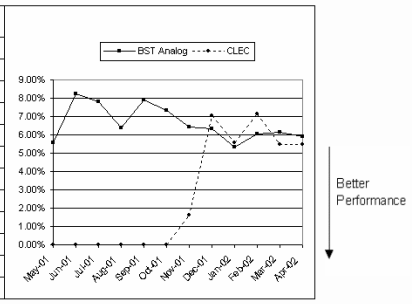


Note 1: Retail Residence / Business (POTS) excluding Switch Based Orders data serves as the BST Analog for this report
Note 2: ATTORNEY-CLIENT PRIVILEGED DOCUMENT. PREPARED IN ANTICIPATION OF LITIGATION.

Chart B.2.19.9.1.1 - April 2002 – 2.6 System Output (Non-Official Results)

B.2.19.9.1.1 2W Analog Loop Non-Design/<10 circuits/Dispatch/GA (%)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
May-01	5.55%	3,950	71,159	0.00%	0	515		5.4818	YES
Jun-01	8.24%	4,261	51,700	0.00%	0	177		3.9805	YES
Jul-01	7.83%	4,072	51,996	0.00%	0	246		4.5611	YES
Aug-01	6.40%	5,424	84,719	0.00%	0	203		3.7219	YES
Sep-01	7.90%	5,205	65,904	0.00%	0	263		4.7395	YES
Oct-01	7.35%	4,104	55,845	0.00%	0	245		4.3986	YES
Nov-01	6.44%	4,130	64,103	1.64%	1	61		1.5273	YES
Dec-01	6.31%	3,504	55,522	7.04%	15	213		-0.4381	YES
Jan-02	5.33%	3,306	61,987	5.58%	14	251		-0.1719	YES
Feb-02	6.04%	3,533	58,472	7.14%	16	224		-0.6900	YES
Mar-02	6.14%	3,328	54,161	5.49%	9	164		0.3497	YES
Apr-02	5.92%	3,583	60,501	5.45%	9	165		0.2542	YES

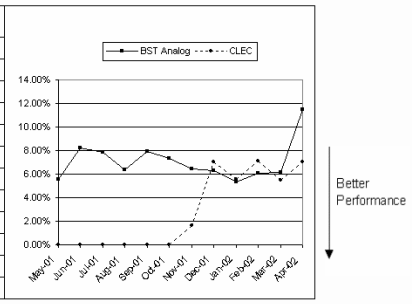


Note 1: Retail Residence / Business (POTS) excluding Switch Based Orders data serves as the BST Analog for this report

Chart B.2.19.9.1.1 - April 2002 – 4.0 System Output (Official Results)

B.2.19.9.1.1 2W Analog Loop Non-Design/<10 circuits/Dispatch/GA (%)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
May-01	5.55%	3,950	71,159	0.00%	0	515		5.4818	YES
Jun-01	8.24%	4,261	51,700	0.00%	0	177		3.9805	YES
Jul-01	7.83%	4,072	51,996	0.00%	0	246		4.5611	YES
Aug-01	6.40%	5,424	84,719	0.00%	0	203		3.7219	YES
Sep-01	7.90%	5,205	65,904	0.00%	0	263		4.7395	YES
Oct-01	7.35%	4,104	55,845	0.00%	0	245		4.3986	YES
Nov-01	6.44%	4,130	64,103	1.64%	1	61		1.5273	YES
Dec-01	6.31%	3,504	55,522	7.04%	15	213		-0.4381	YES
Jan-02	5.33%	3,306	61,987	5.58%	14	251		-0.1719	YES
Feb-02	6.04%	3,533	58,472	7.14%	16	224		-0.6900	YES
Mar-02	6.14%	3,328	54,161	5.49%	9	164		0.3497	YES
Apr-02	11.45%	6,808	59,462	7.02%	12	171		1.8175	YES

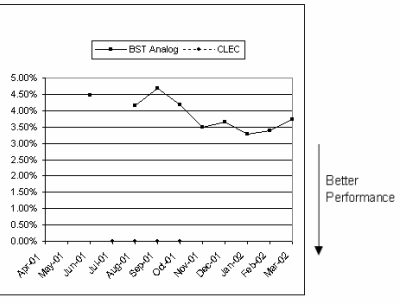


Note 1: Retail Residence / Business (POTS) excluding Switch Based Orders data serves as the BST Analog for this report

Chart B.2.19.9.1.4 - March 2002 – 2.6 System Output (Official Results)

B.2.19.9.1.4 2W Analog Loop Non-Design/<10 circuits/Dispatch In/GA (%)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
Apr-01									
May-01									
Jun-01	4.48%	11,319	252,681						
Jul-01				0.00%	0	1			
Aug-01	4.15%	8,642	208,428	0.00%	0	1		0.2080	YES
Sep-01	4.68%	10,422	222,828	0.00%	0	14		0.8288	YES
Oct-01	4.18%	7,449	178,195	0.00%	0	4		0.4177	YES
Nov-01	3.50%	7,746	221,023						
Dec-01	3.66%	6,816	186,182						
Jan-02	3.28%	6,059	184,559						
Feb-02	3.38%	7,381	218,644						
Mar-02	3.73%	7,057	189,017						

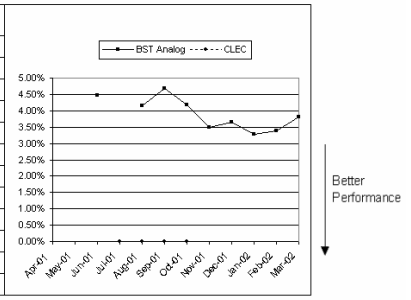


Note 1: Retail Residence / Business (POTS) excluding Switch Based Orders data serves as the BST Analog for this report

Chart B.2.19.9.1.4 - March 2002 – 4.0 System Output (Non-Official Results)

B.2.19.9.1.4 2W Analog Loop Non-Design/<10 circuits/Dispatch In/GA (%)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
Apr-01									
May-01									
Jun-01	4.48%	11,319	252,681						
Jul-01				0.00%	0	1			
Aug-01	4.15%	8,642	208,428	0.00%	0	1		0.2080	YES
Sep-01	4.68%	10,422	222,828	0.00%	0	14		0.8288	YES
Oct-01	4.18%	7,449	178,195	0.00%	0	4		0.4177	YES
Nov-01	3.50%	7,746	221,023						
Dec-01	3.66%	6,816	186,182						
Jan-02	3.28%	6,059	184,559						
Feb-02	3.38%	7,381	218,644						
Mar-02	3.80%	6,986	183,722						

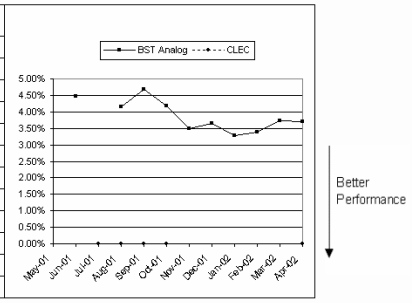


Note 1: Retail Residence / Business (POTS) excluding Switch Based Orders data serves as the BST Analog for this report
Note 2: ATTORNEY-CLIENT PRIVILEGED DOCUMENT. PREPARED IN ANTICIPATION OF LITIGATION.

Chart B.2.19.9.1.4 - April 2002 – 2.6 System Output (Non-Official Results)

B.2.19.9.1.4 2W Analog Loop Non-Design/<10 circuits/Dispatch In/GA (%)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
May-01									
Jun-01	4.48%	11,319	252,681						
Jul-01				0.00%	0	1			
Aug-01	4.15%	8,642	208,428	0.00%	0	1		0.2080	YES
Sep-01	4.68%	10,422	222,828	0.00%	0	14		0.8288	YES
Oct-01	4.18%	7,449	178,195	0.00%	0	4		0.4177	YES
Nov-01	3.50%	7,746	221,023						
Dec-01	3.66%	6,816	186,182						
Jan-02	3.28%	6,059	184,559						
Feb-02	3.38%	7,381	218,644						
Mar-02	3.73%	7,057	189,017						
Apr-02	3.71%	7,142	192,451	0.00%	0	1		0.1963	YES

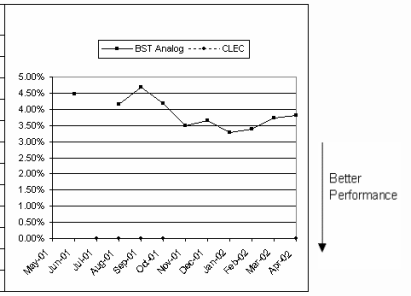


Note 1: Retail Residence / Business (POTS) excluding Switch Based Orders data serves as the BST Analog for this report

Chart B.2.19.9.1.4 - April 2002 – 4.0 System Output (Official Results)

B.2.19.9.1.4 2W Analog Loop Non-Design/<10 circuits/Dispatch In/GA (%)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
May-01									
Jun-01	4.48%	11,319	252,681						
Jul-01				0.00%	0	1			
Aug-01	4.15%	8,642	208,428	0.00%	0	1		0.2080	YES
Sep-01	4.68%	10,422	222,828	0.00%	0	14		0.8288	YES
Oct-01	4.18%	7,449	178,195	0.00%	0	4		0.4177	YES
Nov-01	3.50%	7,746	221,023						
Dec-01	3.66%	6,816	186,182						
Jan-02	3.28%	6,059	184,559						
Feb-02	3.38%	7,381	218,644						
Mar-02	3.73%	7,057	189,017						
Apr-02	3.82%	7,164	187,765	0.00%	0	1		0.1992	YES

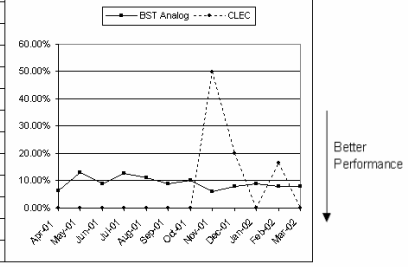


Note 1: Retail Residence / Business (POTS) excluding Switch Based Orders data serves as the BST Analog for this report

Chart B.2.19.9.2.1 - March 2002 – 2.6 System Output (Official Results)

B.2.19.9.2.1 2W Analog Loop Non-Design/>=10 circuits/Dispatch/GA (%)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
Apr-01	6.25%	13	208	0.00%	0	10		0.7975	YES
May-01	12.87%	22	171	0.00%	0	5		0.8469	YES
Jun-01	8.89%	12	135	0.00%	0	1		0.3112	YES
Jul-01	12.67%	19	150	0.00%	0	2		0.5350	YES
Aug-01	11.24%	19	169	0.00%	0	2		0.5004	YES
Sep-01	9.00%	19	211	0.00%	0	6		0.7598	YES
Oct-01	10.11%	18	178	0.00%	0	8		0.9281	YES
Nov-01	6.15%	12	195	50.00%	1	2		-2.5671	NO
Dec-01	8.06%	15	186	20.00%	1	5		-0.9672	YES
Jan-02	8.76%	12	137	0.00%	0	3		0.5309	YES
Feb-02	7.98%	15	188	16.67%	2	12		-1.0769	YES
Mar-02	8.00%	12	150	0.00%	0	4		0.5821	YES

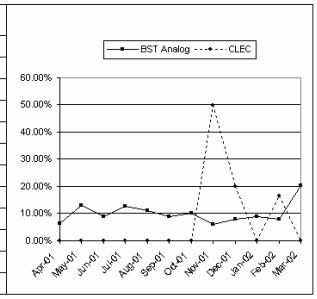


Note 1: Retail Residence / Business (POTS) excluding Switch Based Orders data serves as the BST Analog for this report

Chart B.2.19.9.2.1 - March 2002 – 4.0 System Output (Non-Official Results)

B.2.19.9.2.1 2W Analog Loop Non-Design/>=10 circuits/Dispatch/GA (%)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
Apr-01	6.25%	13	208	0.00%	0	10		0.7975	YES
May-01	12.87%	22	171	0.00%	0	5		0.8469	YES
Jun-01	8.89%	12	135	0.00%	0	1		0.3112	YES
Jul-01	12.67%	19	150	0.00%	0	2		0.5350	YES
Aug-01	11.24%	19	169	0.00%	0	2		0.5004	YES
Sep-01	9.00%	19	211	0.00%	0	6		0.7598	YES
Oct-01	10.11%	18	178	0.00%	0	8		0.9281	YES
Nov-01	6.15%	12	195	50.00%	1	2		-2.5671	NO
Dec-01	8.06%	15	186	20.00%	1	5		-0.9672	YES
Jan-02	8.76%	12	137	0.00%	0	3		0.5309	YES
Feb-02	7.98%	15	188	16.67%	2	12		-1.0769	YES
Mar-02	20.39%	31	152	0.00%	0	4		0.9993	YES

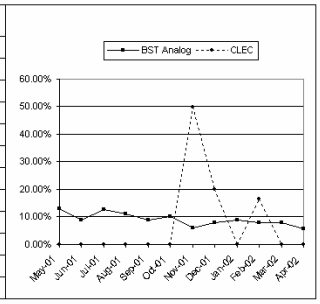


Note 1: Retail Residence / Business (POTS) excluding Switch Based Orders data serves as the BST Analog for this report
Note 2: ATTORNEY-CLIENT PRIVILEGED DOCUMENT. PREPARED IN ANTICIPATION OF LITIGATION.

Chart B.2.19.9.2.1 - April 2002 – 2.6 System Output (Non-Official Results)

B.2.19.9.2.1 2W Analog Loop Non-Design/>=10 circuits/Dispatch/GA (%)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
May-01	12.87%	22	171	0.00%	0	5		0.8469	YES
Jun-01	8.89%	12	135	0.00%	0	1		0.3112	YES
Jul-01	12.67%	19	150	0.00%	0	2		0.5350	YES
Aug-01	11.24%	19	169	0.00%	0	2		0.5004	YES
Sep-01	9.00%	19	211	0.00%	0	6		0.7598	YES
Oct-01	10.11%	18	178	0.00%	0	8		0.9281	YES
Nov-01	6.15%	12	195	50.00%	1	2		-2.5671	NO
Dec-01	8.06%	15	186	20.00%	1	5		-0.9672	YES
Jan-02	8.76%	12	137	0.00%	0	3		0.5309	YES
Feb-02	7.98%	15	188	16.67%	2	12		-1.0769	YES
Mar-02	8.00%	12	150	0.00%	0	4		0.5821	YES
Apr-02	5.83%	12	206	0.00%	0	2		0.3500	YES

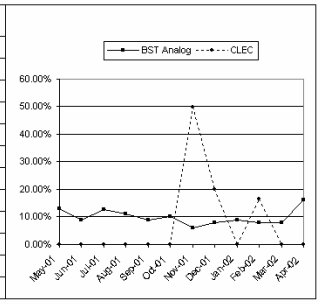


Note 1: Retail Residence / Business (POTS) excluding Switch Based Orders data serves as the BST Analog for this report

Chart B.2.19.9.2.1 - April 2002 – 4.0 System Output (Official Results)

B.2.19.9.2.1 2W Analog Loop Non-Design/>=10 circuits/Dispatch/GA (%)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
May-01	12.87%	22	171	0.00%	0	5		0.8469	YES
Jun-01	8.89%	12	135	0.00%	0	1		0.3112	YES
Jul-01	12.67%	19	150	0.00%	0	2		0.5350	YES
Aug-01	11.24%	19	169	0.00%	0	2		0.5004	YES
Sep-01	9.00%	19	211	0.00%	0	6		0.7598	YES
Oct-01	10.11%	18	178	0.00%	0	8		0.9281	YES
Nov-01	6.15%	12	195	50.00%	1	2		-2.5671	NO
Dec-01	8.06%	15	186	20.00%	1	5		-0.9672	YES
Jan-02	8.76%	12	137	0.00%	0	3		0.5309	YES
Feb-02	7.98%	15	188	16.67%	2	12		-1.0769	YES
Mar-02	8.00%	12	150	0.00%	0	4		0.5821	YES
Apr-02	16.26%	33	203	0.00%	0	2		0.6200	YES

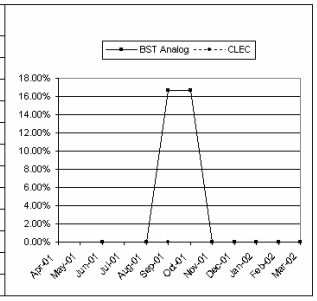


Note 1: Retail Residence / Business (POTS) excluding Switch Based Orders data serves as the BST Analog for this report

Chart B.2.19.9.2.4 - March 2002 – 2.6 System Output (Official Results)

B.2.19.9.2.4 2W Analog Loop Non-Design/>=10 circuits/Dispatch In/GA (%)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
Apr-01									
May-01									
Jun-01	0.00%	0	28						
Jul-01									
Aug-01	0.00%	0	8						
Sep-01	16.67%	1	6	0.00%	0	1		0.4140	YES
Oct-01	16.67%	1	6						
Nov-01	0.00%	0	7						
Dec-01	0.00%	0	3						
Jan-02	0.00%	0	6						
Feb-02	0.00%	0	9						
Mar-02	0.00%	0	8						

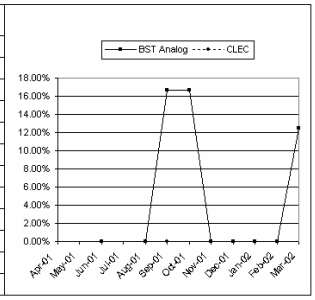


Note 1: Retail Residence / Business (POTS) excluding Switch Based Orders data serves as the BST Analog for this report

Chart B.2.19.9.2.4 - March 2002 – 4.0 System Output (Non-Official Results)

B.2.19.9.2.4 2W Analog Loop Non-Design/>=10 circuits/Dispatch In/GA (%)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
Apr-01									
May-01									
Jun-01	0.00%	0	28						
Jul-01									
Aug-01	0.00%	0	8						
Sep-01	16.67%	1	6	0.00%	0	1		0.4140	YES
Oct-01	16.67%	1	6						
Nov-01	0.00%	0	7						
Dec-01	0.00%	0	3						
Jan-02	0.00%	0	6						
Feb-02	0.00%	0	9						
Mar-02	12.50%	1	8						

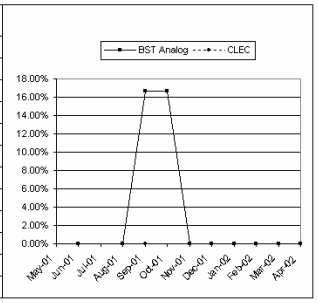


Note 1: Retail Residence / Business (POTS) excluding Switch Based Orders data serves as the BST Analog for this report
Note 2: ATTORNEY-CLIENT PRIVILEGED DOCUMENT. PREPARED IN ANTICIPATION OF LITIGATION.

Chart B.2.19.9.2.4 - April 2002 – 2.6 System Output (Non-Official Results)

B.2.19.9.2.4 2W Analog Loop Non-Design/>=10 circuits/Dispatch In/GA (%)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
May-01									
Jun-01	0.00%	0	28						
Jul-01									
Aug-01	0.00%	0	8						
Sep-01	16.67%	1	6	0.00%	0	1		0.4140	YES
Oct-01	16.67%	1	6						
Nov-01	0.00%	0	7						
Dec-01	0.00%	0	3						
Jan-02	0.00%	0	6						
Feb-02	0.00%	0	9						
Mar-02	0.00%	0	8						
Apr-02	0.00%	0	2						

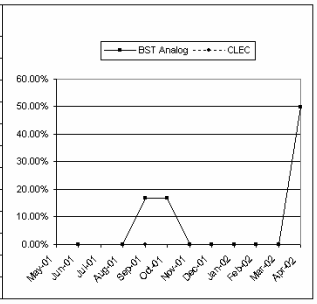


Note 1: Retail Residence / Business (POTS) excluding Switch Based Orders data serves as the BST Analog for this report

Chart B.2.19.9.2.4 - April 2002 – 4.0 System Output (Official Results)

B.2.19.9.2.4 2W Analog Loop Non-Design/>=10 circuits/Dispatch In/GA (%)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
May-01									
Jun-01	0.00%	0	28						
Jul-01									
Aug-01	0.00%	0	8						
Sep-01	16.67%	1	6	0.00%	0	1		0.4140	YES
Oct-01	16.67%	1	6						
Nov-01	0.00%	0	7						
Dec-01	0.00%	0	3						
Jan-02	0.00%	0	6						
Feb-02	0.00%	0	9						
Mar-02	0.00%	0	8						
Apr-02	50.00%	2	4						



Note 1: Retail Residence / Business (POTS) excluding Switch Based Orders data serves as the BST Analog for this report

Difference Quantification - April

Volume: PMAP 2.6 picked up 168 records. PMAP 4.0 picked up 174 records.
PMAP 4.0 picked up 6 records more compared to PMAP 2.6

Numerator: PMAP 2.6 picked up 9 records. PMAP 4.0 picked up 12 records.
PMAP 4.0 picked up 3 records more compared to PMAP 2.6

Difference Explanation - April

Volume:

Out of the 6 service orders that PMAP 2.6 has not identified as UNE 2W Analog Loop Non-Design, 4 service orders (with order numbers: 'COBFGP57', 'COF73245', 'NO9TVD46', 'NODY1M97'), although present in PMAP 2.6, have not been identified as UNE 2W Analog Loop Non-Design. These 4 service orders have the necessary criteria to be identified as UNE 2W Analog Loop Non-Design, but PMAP 2.6 identified them as UNE Other Non-Design product.

For the remaining 2 service orders, (with order numbers: 'NO564RH5', 'NOCD4151'), PMAP 2.6 has identified them as UNE 2w Analog Loop Non-Design w/LNP product. These two service orders have been identified by PMAP 4.0 as UNE 2w Analog Loop Non-Design w/o NP product.

Numerator:

The 3 service order difference is because of the common business rule change discussed at the beginning of this section.

Difference Quantification - March

Volume: PMAP 2.6 picked up 168 records. PMAP 4.0 picked up 178 records.
PMAP 4.0 picked up 10 records more compared to PMAP 2.6

Numerator: PMAP 2.6 picked up 9 records. PMAP 4.0 picked up 10 records.
PMAP 4.0 picked up 1 record more compared to PMAP 2.6

Difference Explanation - March

Volume:

Out of the 10 service orders that PMAP 2.6 has not identified as UNE 2W Analog Loop Non-Design, 4 service orders (with order numbers: 'NO1569L3', 'CO7JH4M7', 'CO1F6H50', 'NO1DHL33'), although present in PMAP 2.6, have not been identified as UNE 2W Analog Loop Non-Design. These 4 service orders have the necessary criteria to be identified as UNE 2W Analog Loop Non-Design, but PMAP 2.6 identified them as UNE Other Non-Design product.

For the remaining 6 service orders, (with order numbers: 'NODP3224', 'NOFD1BL0', 'NOFXLKX4', 'NO60J5Q7', 'NOBGLVN9', 'NOCN61Q4'), PMAP 2.6 has identified them as UNE 2w Analog Loop Non-Design w/LNP product. These 6 service orders have been identified by PMAP 4.0 as UNE 2w Analog Loop Non-Design w/o NP product.

Numerator:

The 1 service order difference is because of the common business rule change discussed at the beginning of this section.

2Wire Analog Loop with LNP Design

March Research Data

Chart Reference(s): Design B.2.19.12.1.1

B.2.19.12.1.2

B.2.19.12.2.1

B.2.19.12.2.2

April Research Data

Chart Reference(s): Design B.2.19.12.1.1

B.2.19.12.1.2

B.2.19.12.2.1

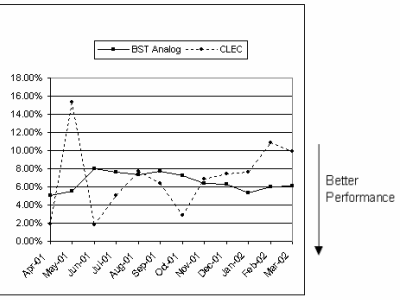
B.2.19.12.2.2

Chart Reference

Chart B.2.19.12.1.1 - March 2002 – 2.6 System Output (Official Results)

B.2.19.12.1.1 2W Analog Loop w/LNP Design/<10 circuits/Dispatch/GA (%)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
Apr-01	5.04%	3,788	75,217	1.90%	7	369		2.7480	YES
May-01	5.52%	3,963	71,773	15.38%	50	325		-7.7637	NO
Jun-01	8.01%	4,278	53,418	1.79%	7	391		4.5138	YES
Jul-01	7.62%	4,089	53,663	5.02%	12	239		1.5115	YES
Aug-01	7.37%	4,004	54,316	7.75%	11	142		-0.1723	YES
Sep-01	7.74%	5,239	67,665	6.41%	15	234		0.7614	YES
Oct-01	7.20%	4,123	57,267	2.87%	6	209		2.4171	YES
Nov-01	6.40%	4,209	65,720	6.86%	12	175		-0.2443	YES
Dec-01	6.25%	3,553	56,856	7.45%	7	94		-0.4793	YES
Jan-02	5.30%	3,345	63,071	7.63%	10	131		-1.1888	YES
Feb-02	6.00%	3,585	59,776	10.89%	11	101		-2.0696	NO
Mar-02	6.09%	3,382	55,576	9.86%	7	71		-1.3293	YES

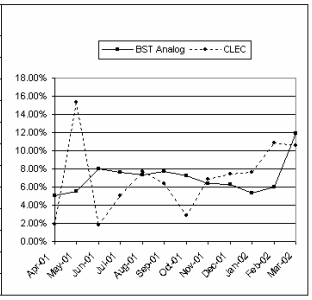


Note 1: Residence and Business - Dispatch data serves as the BST Analog for this report

Chart B.2.19.12.1.1 - March 2002 – 4.0 System Output (Non-Official Results)

B.2.19.12.1.1 2W Analog Loop w/LNP Design/<10 circuits/Dispatch/GA (%)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
Apr-01	5.04%	3,788	75,217	1.90%	7	369		2.7480	YES
May-01	5.52%	3,963	71,773	15.38%	50	325		-7.7637	NO
Jun-01	8.01%	4,278	53,418	1.79%	7	391		4.5138	YES
Jul-01	7.62%	4,089	53,663	5.02%	12	239		1.5115	YES
Aug-01	7.37%	4,004	54,316	7.75%	11	142		-0.1723	YES
Sep-01	7.74%	5,239	67,665	6.41%	15	234		0.7614	YES
Oct-01	7.20%	4,123	57,267	2.87%	6	209		2.4171	YES
Nov-01	6.40%	4,209	65,720	6.86%	12	175		-0.2443	YES
Dec-01	6.25%	3,553	56,856	7.45%	7	94		-0.4793	YES
Jan-02	5.30%	3,345	63,071	7.63%	10	131		-1.1888	YES
Feb-02	6.00%	3,585	59,776	10.89%	11	101		-2.0696	NO
Mar-02	11.92%	6,486	54,419	10.61%	7	66		0.3289	YES

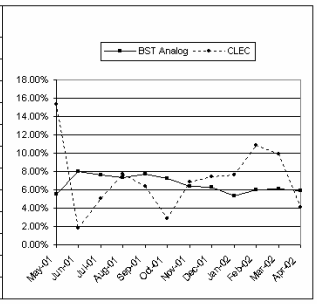


Note 1: Residence and Business - Dispatch data serves as the BST Analog for this report
Note 2: ATTORNEY-CLIENT PRIVILEGED DOCUMENT. PREPARED IN ANTICIPATION OF LITIGATION.

Chart B.2.19.12.1.1 - April 2002 – 2.6 System Output (Non-Official Results)

B.2.19.12.1.1 2W Analog Loop w/LNP Design/<10 circuits/Dispatch/GA (%)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
May-01	5.52%	3,963	71,773	15.38%	50	325		-7.7637	NO
Jun-01	8.01%	4,278	53,418	1.79%	7	391		4.5138	YES
Jul-01	7.62%	4,089	53,663	5.02%	12	239		1.5115	YES
Aug-01	7.37%	4,004	54,316	7.75%	11	142		-0.1723	YES
Sep-01	7.74%	5,239	67,665	6.41%	15	234		0.7614	YES
Oct-01	7.20%	4,123	57,267	2.87%	6	209		2.4171	YES
Nov-01	6.40%	4,209	65,720	6.86%	12	175		-0.2443	YES
Dec-01	6.25%	3,553	56,856	7.45%	7	94		-0.4793	YES
Jan-02	5.30%	3,345	63,071	7.63%	10	131		-1.1888	YES
Feb-02	6.00%	3,585	59,776	10.89%	11	101		-2.0696	NO
Mar-02	6.09%	3,382	55,576	9.86%	7	71		-1.3293	YES
Apr-02	5.89%	3,647	61,908	4.07%	5	123		0.8592	YES

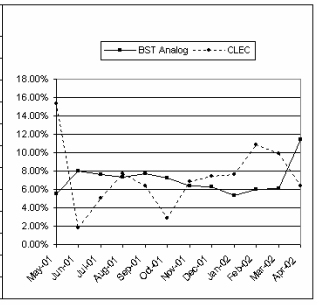


Note 1: Residence and Business - Dispatch data serves as the BST Analog for this report

Chart B.2.19.12.1.1 - April 2002 – 4.0 System Output (Official Results)

B.2.19.12.1.1 2W Analog Loop w/LNP Design/<10 circuits/Dispatch/GA (%)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
May-01	5.52%	3,963	71,773	15.38%	50	325		-7.7637	NO
Jun-01	8.01%	4,278	53,418	1.79%	7	391		4.5138	YES
Jul-01	7.62%	4,089	53,663	5.02%	12	239		1.5115	YES
Aug-01	7.37%	4,004	54,316	7.75%	11	142		-0.1723	YES
Sep-01	7.74%	5,239	67,665	6.41%	15	234		0.7614	YES
Oct-01	7.20%	4,123	57,267	2.87%	6	209		2.4171	YES
Nov-01	6.40%	4,209	65,720	6.86%	12	175		-0.2443	YES
Dec-01	6.25%	3,553	56,856	7.45%	7	94		-0.4793	YES
Jan-02	5.30%	3,345	63,071	7.63%	10	131		-1.1888	YES
Feb-02	6.00%	3,585	59,776	10.89%	11	101		-2.0696	NO
Mar-02	6.09%	3,382	55,576	9.86%	7	71		-1.3293	YES
Apr-02	11.43%	6,956	60,878	6.35%	8	126		1.7895	YES

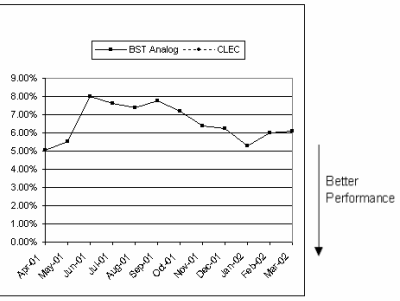


Note 1: Residence and Business - Dispatch data serves as the BST Analog for this report

Chart B.2.19.12.1.2 - March 2002 – 2.6 System Output (Official Results)

B.2.19.12.1.2 2W Analog Loop w/LNP Design/<10 circuits/Non-Dispatch/GA (%)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
Apr-01	5.04%	3,788	75,217						
May-01	5.52%	3,963	71,773						
Jun-01	8.01%	4,278	53,418						
Jul-01	7.62%	4,089	53,663						
Aug-01	7.37%	4,004	54,316						
Sep-01	7.74%	5,239	67,665						
Oct-01	7.20%	4,123	57,267						
Nov-01	6.40%	4,209	65,720						
Dec-01	6.25%	3,553	56,856						
Jan-02	5.30%	3,345	63,071						
Feb-02	6.00%	3,585	59,776						
Mar-02	6.09%	3,382	55,576						

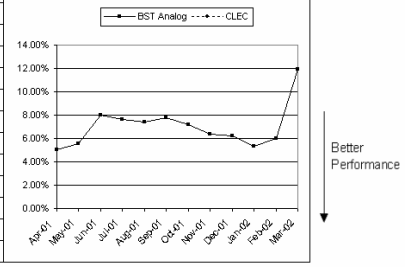


Note 1: Residence and Business - Dispatch data serves as the BST Analog for this report

Chart B.2.19.12.1.2 - March 2002 – 4.0 System Output (Non-Official Results)

B.2.19.12.1.2 2W Analog Loop w/LNP Design/<10 circuits/Non-Dispatch/GA (%)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
Apr-01	5.04%	3,788	75,217						
May-01	5.52%	3,963	71,773						
Jun-01	8.01%	4,278	53,418						
Jul-01	7.62%	4,089	53,663						
Aug-01	7.37%	4,004	54,316						
Sep-01	7.74%	5,239	67,665						
Oct-01	7.20%	4,123	57,267						
Nov-01	6.40%	4,209	65,720						
Dec-01	6.25%	3,553	56,856						
Jan-02	5.30%	3,345	63,071						
Feb-02	6.00%	3,585	59,776						
Mar-02	11.92%	6,486	54,419						

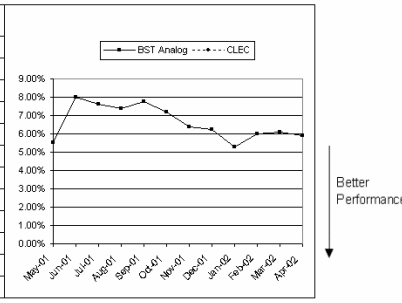


Note 1: Residence and Business - Dispatch data serves as the BST Analog for this report
Note 2: ATTORNEY-CLIENT PRIVILEGED DOCUMENT. PREPARED IN ANTICIPATION OF LITIGATION.

Chart B.2.19.12.1.2 - April 2002 – 2.6 System Output (Non-Official Results)

B.2.19.12.1.2 2W Analog Loop w/LNP Design/<10 circuits/Non-Dispatch/GA (%)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
May-01	5.52%	3,963	71,773						
Jun-01	8.01%	4,278	53,418						
Jul-01	7.62%	4,089	53,663						
Aug-01	7.37%	4,004	54,316						
Sep-01	7.74%	5,239	67,665						
Oct-01	7.20%	4,123	57,267						
Nov-01	6.40%	4,209	65,720						
Dec-01	6.25%	3,553	56,856						
Jan-02	5.30%	3,345	63,071						
Feb-02	6.00%	3,585	59,776						
Mar-02	6.09%	3,382	55,576						
Apr-02	5.89%	3,647	61,908						

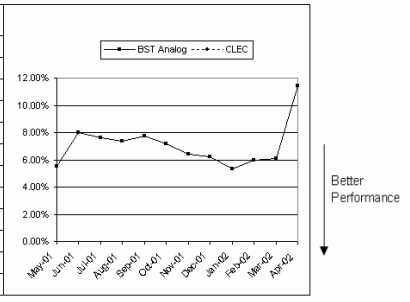


Note 1: Residence and Business - Dispatch data serves as the BST Analog for this report

Chart B.2.19.12.1.2 - April 2002 – 4.0 System Output (Official Results)

B.2.19.12.1.2 2W Analog Loop w/LNP Design/<10 circuits/Non-Dispatch/GA (%)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
May-01	5.52%	3,963	71,773						
Jun-01	8.01%	4,278	53,418						
Jul-01	7.62%	4,089	53,663						
Aug-01	7.37%	4,004	54,316						
Sep-01	7.74%	5,239	67,665						
Oct-01	7.20%	4,123	57,267						
Nov-01	6.40%	4,209	65,720						
Dec-01	6.25%	3,553	56,856						
Jan-02	5.30%	3,345	63,071						
Feb-02	6.00%	3,585	59,776						
Mar-02	6.09%	3,382	55,576						
Apr-02	11.43%	6,956	60,878						

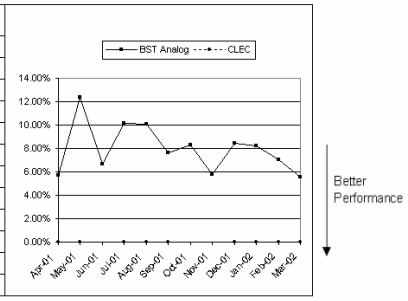


Note 1: Residence and Business - Dispatch data serves as the BST Analog for this report

Chart B.2.19.12.2.1 - March 2002 – 2.6 System Output (Official Results)

B.2.19.12.2.1 2W Analog Loop w/LNP Design/>=10 circuits/Dispatch/GA (%)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
Apr-01	5.68%	13	229	0.00%	0	10		0.7594	YES
May-01	12.37%	24	194	0.00%	0	1		0.3748	YES
Jun-01	6.67%	12	180						
Jul-01	10.14%	21	207	0.00%	0	1		0.3352	YES
Aug-01	10.09%	23	228	0.00%	0	2		0.4716	YES
Sep-01	7.66%	21	274	0.00%	0	2		0.4060	YES
Oct-01	8.26%	19	230						
Nov-01	5.75%	15	261						
Dec-01	8.44%	20	237	0.00%	0	2		0.4275	YES
Jan-02	8.19%	14	171	0.00%	0	4		0.5904	YES
Feb-02	7.05%	16	227	0.00%	0	2		0.3877	YES
Mar-02	5.53%	12	217	0.00%	0	2		0.3406	YES

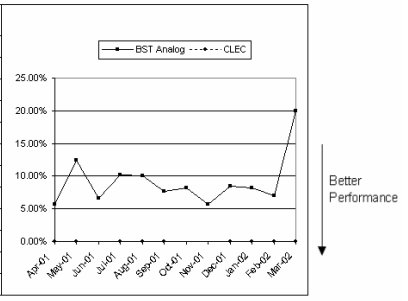


Note 1: Residence and Business - Dispatch data serves as the BST Analog for this report

Chart B.2.19.12.2.1 - March 2002 – 4.0 System Output (Non-Official Results)

B.2.19.12.2.1 2W Analog Loop w/LNP Design/>=10 circuits/Dispatch/GA (%)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
Apr-01	5.68%	13	229	0.00%	0	10		0.7594	YES
May-01	12.37%	24	194	0.00%	0	1		0.3748	YES
Jun-01	6.67%	12	180						
Jul-01	10.14%	21	207	0.00%	0	1		0.3352	YES
Aug-01	10.09%	23	228	0.00%	0	2		0.4716	YES
Sep-01	7.66%	21	274	0.00%	0	2		0.4060	YES
Oct-01	8.26%	19	230						
Nov-01	5.75%	15	261						
Dec-01	8.44%	20	237	0.00%	0	2		0.4275	YES
Jan-02	8.19%	14	171	0.00%	0	4		0.5904	YES
Feb-02	7.05%	16	227	0.00%	0	2		0.3877	YES
Mar-02	20.00%	42	210	0.00%	0	2		0.7038	YES

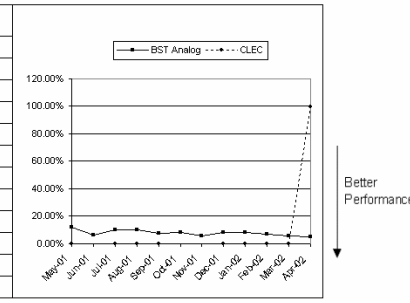


Note 1: Residence and Business - Dispatch data serves as the BST Analog for this report
Note 2: ATTORNEY-CLIENT PRIVILEGED DOCUMENT. PREPARED IN ANTICIPATION OF LITIGATION.

Chart B.2.19.12.2.1 - April 2002 – 2.6 System Output (Non-Official Results)

B.2.19.12.2.1 2W Analog Loop w/LNP Design/>=10 circuits/Dispatch/GA (%)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
May-01	12.37%	24	194	0.00%	0	1		0.3748	YES
Jun-01	6.67%	12	180						
Jul-01	10.14%	21	207	0.00%	0	1		0.3352	YES
Aug-01	10.09%	23	228	0.00%	0	2		0.4716	YES
Sep-01	7.66%	21	274	0.00%	0	2		0.4060	YES
Oct-01	8.26%	19	230						
Nov-01	5.75%	15	261						
Dec-01	8.44%	20	237	0.00%	0	2		0.4275	YES
Jan-02	8.19%	14	171	0.00%	0	4		0.5904	YES
Feb-02	7.05%	16	227	0.00%	0	2		0.3877	YES
Mar-02	5.53%	12	217	0.00%	0	2		0.3406	YES
Apr-02	4.95%	14	283	100.00%	1	1		-4.3757	NO

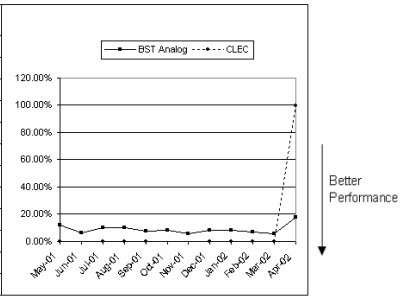


Note 1: Residence and Business - Dispatch data serves as the BST Analog for this report

Chart B.2.19.12.2.1 - April 2002 – 4.0 System Output (Official Results)

B.2.19.12.2.1 2W Analog Loop w/LNP Design/>=10 circuits/Dispatch/GA (%)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
May-01	12.37%	24	194	0.00%	0	1		0.3748	YES
Jun-01	6.67%	12	180						
Jul-01	10.14%	21	207	0.00%	0	1		0.3352	YES
Aug-01	10.09%	23	228	0.00%	0	2		0.4716	YES
Sep-01	7.66%	21	274	0.00%	0	2		0.4060	YES
Oct-01	8.26%	19	230						
Nov-01	5.75%	15	261						
Dec-01	8.44%	20	237	0.00%	0	2		0.4275	YES
Jan-02	8.19%	14	171	0.00%	0	4		0.5904	YES
Feb-02	7.05%	16	227	0.00%	0	2		0.3877	YES
Mar-02	5.53%	12	217	0.00%	0	2		0.3406	YES
Apr-02	17.61%	50	284	100.00%	1	1		-2.1595	NO

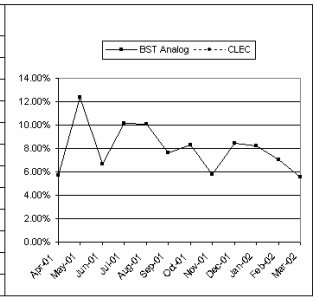


Note 1: Residence and Business - Dispatch data serves as the BST Analog for this report

Chart B.2.19.12.2.2 - March 2002 – 2.6 System Output (Official Results)

B.2.19.12.2.2 2W Analog Loop w/LNP Design/>=10 circuits/Non-Dispatch/GA (%)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
Apr-01	5.68%	13	229						
May-01	12.37%	24	194						
Jun-01	6.67%	12	180						
Jul-01	10.14%	21	207						
Aug-01	10.09%	23	228						
Sep-01	7.66%	21	274						
Oct-01	8.26%	19	230						
Nov-01	5.75%	15	261						
Dec-01	8.44%	20	237						
Jan-02	8.19%	14	171						
Feb-02	7.05%	16	227						
Mar-02	5.53%	12	217						

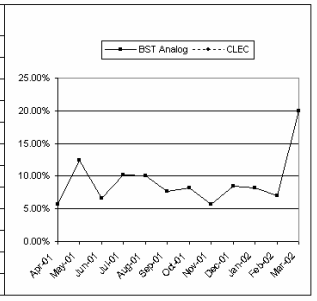


Note 1: Residence and Business - Dispatch data serves as the BST Analog for this report

Chart B.2.19.12.2.2 - March 2002 – 4.0 System Output (Non-Official Results)

B.2.19.12.2.2 2W Analog Loop w/LNP Design/>=10 circuits/Non-Dispatch/GA (%)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
Apr-01	5.68%	13	229						
May-01	12.37%	24	194						
Jun-01	6.67%	12	180						
Jul-01	10.14%	21	207						
Aug-01	10.09%	23	228						
Sep-01	7.66%	21	274						
Oct-01	8.26%	19	230						
Nov-01	5.75%	15	261						
Dec-01	8.44%	20	237						
Jan-02	8.19%	14	171						
Feb-02	7.05%	16	227						
Mar-02	20.00%	42	210						

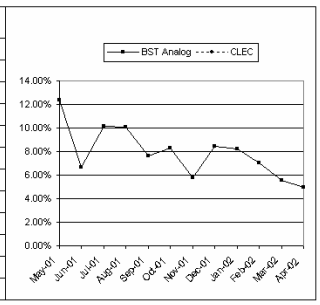


Note 1: Residence and Business - Dispatch data serves as the BST Analog for this report
Note 2: ATTORNEY-CLIENT PRIVILEGED DOCUMENT. PREPARED IN ANTICIPATION OF LITIGATION.

Chart B.2.19.12.2.2 - April 2002 – 2.6 System Output (Non-Official Results)

B.2.19.12.2.2 2W Analog Loop w/LNP Design/>=10 circuits/Non-Dispatch/GA (%)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
May-01	12.37%	24	194						
Jun-01	6.67%	12	180						
Jul-01	10.14%	21	207						
Aug-01	10.09%	23	228						
Sep-01	7.66%	21	274						
Oct-01	8.26%	19	230						
Nov-01	5.75%	15	261						
Dec-01	8.44%	20	237						
Jan-02	8.19%	14	171						
Feb-02	7.05%	16	227						
Mar-02	5.53%	12	217						
Apr-02	4.95%	14	283						

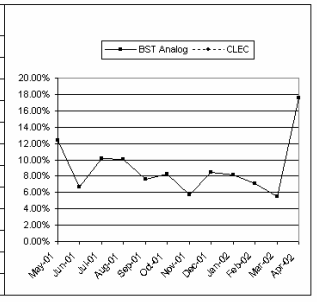


Note 1: Residence and Business - Dispatch data serves as the BST Analog for this report

Chart B.2.19.12.2.2 - April 2002 – 4.0 System Output (Official Results)

B.2.19.12.2.2 2W Analog Loop w/LNP Design/>=10 circuits/Non-Dispatch/GA (%)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
May-01	12.37%	24	194						
Jun-01	6.67%	12	180						
Jul-01	10.14%	21	207						
Aug-01	10.09%	23	228						
Sep-01	7.66%	21	274						
Oct-01	8.26%	19	230						
Nov-01	5.75%	15	261						
Dec-01	8.44%	20	237						
Jan-02	8.19%	14	171						
Feb-02	7.05%	16	227						
Mar-02	5.53%	12	217						
Apr-02	17.61%	50	284						



Note 1: Residence and Business - Dispatch data serves as the BST Analog for this report

Difference Quantification - April

Volume: PMAP 2.6 picked up 124 records. PMAP 4.0 picked up 127 records.
PMAP 4.0 picked up 3 records more compared to PMAP 2.6

Numerator: PMAP 2.6 picked up 6 records. PMAP 4.0 picked up 9 records.
PMAP 4.0 picked up 3 records more compared to PMAP 2.6

Difference Explanation - April

Volume:

PMAP 2.6 did not identify 3 service orders (order numbers: 'CO15J899', 'CO011DN6', 'CO5T2FK7') as UNE 2W Analog Loop Design w/LNP, although those service orders have the necessary criteria along with USOCs to be identified as UNE 2W Analog Loop Design w/LNP. PMAP 2.6 identified them as UNE Other Design product. On the other hand, PMAP 4.0 has identified them as UNE 2W Analog Loop Design w/LNP.

Numerator:

The 3 service order difference is because of the common business rule change discussed at the beginning of this section.

Difference Quantification - March

Volume: PMAP 2.6 picked up 73 records. PMAP 4.0 picked up 68 records.
PMAP 4.0 picked up 5 records less compared to PMAP 2.6

Numerator: PMAP 2.6 picked up 7 records. PMAP 4.0 picked up 7 records.
No Difference

Difference Explanation - March

Volume:

PMAP 4.0 has loaded 5 service orders less with UNE 2W Analog Loop w/LNP Design product compared to PMAP 2.6. PMAP 2.6 included 5 records that completed outside the reporting month when the beginning of the service order fell inside the reporting window when the source data snapshot timing allowed them to be included – effectively there was not a filter in

PMAP 2.6 to handle 'crossover' month orders. This is generally not a problem, but because this measure works with 2 months of underlying data, it can show up to varying degrees when doing a comparative analysis month over month.

Numerator:

No Difference

2Wire Analog Loop with LNP Non-Design

March Research Data

Chart Reference(s): Non -Design B.2.19.13.1.1

B.2.19.13.1.4

B.2.19.13.2.1

B.2.19.13.2.4

April Research Data

Chart Reference(s): Non-Design B.2.19.13.1.1

B.2.19.13.1.4

B.2.19.13.2.1

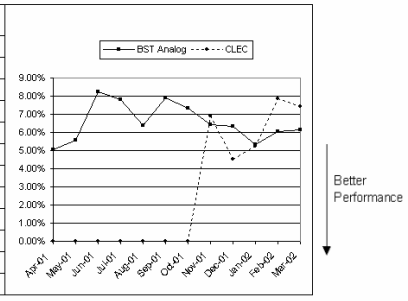
B.2.19.13.2.4

Chart Reference

Chart B.2.19.13.1.1 - March 2002 – 2.6 System Output (Official Results)

B.2.19.13.1.1 2W Analog Loop w/LNP Non-Design/<10 circuits/Dispatch/GA (%)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
Apr-01	5.06%	3,781	74,699	0.00%	0	195		3.2202	YES
May-01	5.55%	3,950	71,159	0.00%	0	166		3.1198	YES
Jun-01	8.24%	4,261	51,700	0.00%	0	230		4.5351	YES
Jul-01	7.83%	4,072	51,996	0.00%	0	335		5.3181	YES
Aug-01	6.40%	5,424	84,719	0.00%	0	383		5.1069	YES
Sep-01	7.90%	5,205	65,904	0.00%	0	471		6.3326	YES
Oct-01	7.35%	4,104	55,845	0.00%	0	538		6.5012	YES
Nov-01	6.44%	4,130	64,103	6.90%	30	435		-0.3842	YES
Dec-01	6.31%	3,504	55,522	4.55%	15	330		1.3151	YES
Jan-02	5.33%	3,306	61,987	5.21%	17	326		0.0951	YES
Feb-02	6.04%	3,533	58,472	7.88%	26	330		-1.3963	YES
Mar-02	6.14%	3,328	54,161	7.45%	7	94		-0.5253	YES

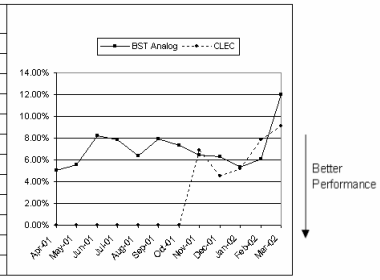


Note 1: Retail Residence / Business (POTS) excluding Switch Based Orders data serves as the BST Analog for this report

Chart B.2.19.13.1.1 - March 2002 – 4.0 System Output (Non-Official Results)

B.2.19.13.1.1 2W Analog Loop w/LNP Non-Design/<10 circuits/Dispatch/GA (%)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
Apr-01	5.06%	3,781	74,699	0.00%	0	195		3.2202	YES
May-01	5.55%	3,950	71,159	0.00%	0	166		3.1198	YES
Jun-01	8.24%	4,261	51,700	0.00%	0	230		4.5351	YES
Jul-01	7.83%	4,072	51,996	0.00%	0	335		5.3181	YES
Aug-01	6.40%	5,424	84,719	0.00%	0	383		5.1069	YES
Sep-01	7.90%	5,205	65,904	0.00%	0	471		6.3326	YES
Oct-01	7.35%	4,104	55,845	0.00%	0	538		6.5012	YES
Nov-01	6.44%	4,130	64,103	6.90%	30	435		-0.3842	YES
Dec-01	6.31%	3,504	55,522	4.55%	15	330		1.3151	YES
Jan-02	5.33%	3,306	61,987	5.21%	17	326		0.0951	YES
Feb-02	6.04%	3,533	58,472	7.88%	26	330		-1.3963	YES
Mar-02	11.98%	6,362	53,018	9.09%	8	88		0.8341	YES

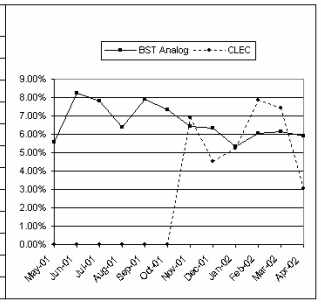


Note 1: Retail Residence / Business (POTS) excluding Switch Based Orders data serves as the BST Analog for this report
Note 2: ATTORNEY-CLIENT PRIVILEGED DOCUMENT. PREPARED IN ANTICIPATION OF LITIGATION.

Chart B.2.19.13.1.1 - April 2002 – 2.6 System Output (Non-Official Results)

B.2.19.13.1.1 2W Analog Loop w/LNP Non-Design/<10 circuits/Dispatch/GA (%)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
May-01	5.55%	3,950	71,159	0.00%	0	166		3.1198	YES
Jun-01	8.24%	4,261	51,700	0.00%	0	230		4.5351	YES
Jul-01	7.83%	4,072	51,996	0.00%	0	335		5.3181	YES
Aug-01	6.40%	5,424	84,719	0.00%	0	383		5.1069	YES
Sep-01	7.90%	5,205	65,904	0.00%	0	471		6.3326	YES
Oct-01	7.35%	4,104	55,845	0.00%	0	538		6.5012	YES
Nov-01	6.44%	4,130	64,103	6.90%	30	435		-0.3842	YES
Dec-01	6.31%	3,504	55,522	4.55%	15	330		1.3151	YES
Jan-02	5.33%	3,306	61,987	5.21%	17	326		0.0951	YES
Feb-02	6.04%	3,533	58,472	7.88%	26	330		-1.3963	YES
Mar-02	6.14%	3,328	54,161	7.45%	7	94		-0.5253	YES
Apr-02	5.92%	3,583	60,501	3.06%	3	98		1.1989	YES

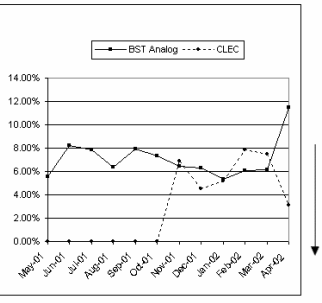


Note 1: Retail Residence / Business (POTS) excluding Switch Based Orders data serves as the BST Analog for this report

Chart B.2.19.13.1.1 - April 2002 – 4.0 System Output (Official Results)

B.2.19.13.1.1 2W Analog Loop w/LNP Non-Design/<10 circuits/Dispatch/GA (%)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
May-01	5.55%	3,950	71,159	0.00%	0	166		3.1198	YES
Jun-01	8.24%	4,261	51,700	0.00%	0	230		4.5351	YES
Jul-01	7.83%	4,072	51,996	0.00%	0	335		5.3181	YES
Aug-01	6.40%	5,424	84,719	0.00%	0	383		5.1069	YES
Sep-01	7.90%	5,205	65,904	0.00%	0	471		6.3326	YES
Oct-01	7.35%	4,104	55,845	0.00%	0	538		6.5012	YES
Nov-01	6.44%	4,130	64,103	6.90%	30	435		-0.3842	YES
Dec-01	6.31%	3,504	55,522	4.55%	15	330		1.3151	YES
Jan-02	5.33%	3,306	61,987	5.21%	17	326		0.0951	YES
Feb-02	6.04%	3,533	58,472	7.88%	26	330		-1.3963	YES
Mar-02	6.14%	3,328	54,161	7.45%	7	94		-0.5253	YES
Apr-02	11.45%	6,808	59,462	3.09%	3	97		2.5827	YES

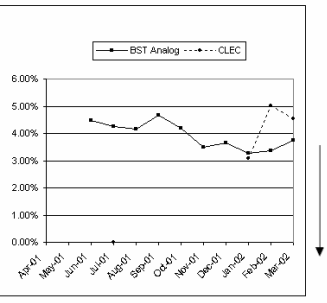


Note 1: Retail Residence / Business (POTS) excluding Switch Based Orders data serves as the BST Analog for this report

Chart B.2.19.13.1.4 - March 2002 – 2.6 System Output (Official Results)

B.2.19.13.1.4 2W Analog Loop w/LNP Non-Design/<10 circuits/Dispatch In/GA (%)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
Apr-01									
May-01									
Jun-01	4.48%	11,319	252,681						
Jul-01	4.25%	10,635	250,407	0.00%	0	270		3.4587	YES
Aug-01	4.15%	8,642	208,428						
Sep-01	4.68%	10,422	222,828						
Oct-01	4.18%	7,449	178,195						
Nov-01	3.50%	7,746	221,023						
Dec-01	3.66%	6,816	186,182						
Jan-02	3.28%	6,059	184,559	3.09%	10	324		0.1984	YES
Feb-02	3.38%	7,381	218,644	5.03%	16	318		-1.6335	YES
Mar-02	3.73%	7,057	189,017	4.55%	3	66		-0.3479	YES

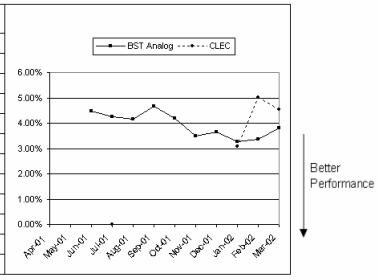


Note 1: Retail Residence / Business (POTS) excluding Switch Based Orders data serves as the BST Analog for this report

Chart B.2.19.13.1.4 - March 2002 – 4.0 System Output (Non-Official Results)

B.2.19.13.1.4 2W Analog Loop w/LNP Non-Design/<10 circuits/Dispatch In/GA (%)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
Apr-01									
May-01									
Jun-01	4.48%	11,319	252,681						
Jul-01	4.25%	10,635	250,407	0.00%	0	270		3.4587	YES
Aug-01	4.15%	8,642	208,428						
Sep-01	4.68%	10,422	222,828						
Oct-01	4.18%	7,449	178,195						
Nov-01	3.50%	7,746	221,023						
Dec-01	3.66%	6,816	186,182						
Jan-02	3.28%	6,059	184,559	3.09%	10	324		0.1984	YES
Feb-02	3.38%	7,381	218,644	5.03%	16	318		-1.6335	YES
Mar-02	3.80%	6,986	183,722	4.55%	3	66		-0.3155	YES

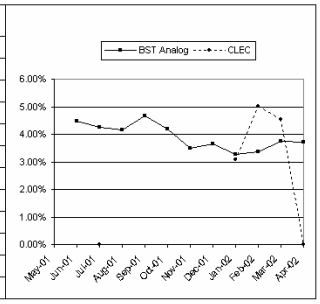


Note 1: Retail Residence / Business (POTS) excluding Switch Based Orders data serves as the BST Analog for this report
Note 2: ATTORNEY-CLIENT PRIVILEGED DOCUMENT. PREPARED IN ANTICIPATION OF LITIGATION.

Chart B.2.19.13.1.4 - April 2002 – 2.6 System Output (Non-Official Results)

B.2.19.13.1.4 2W Analog Loop w/LNP Non-Design/<10 circuits/Dispatch In/GA (%)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
May-01									
Jun-01	4.48%	11,319	252,681						
Jul-01	4.25%	10,635	250,407	0.00%	0	270		3.4587	YES
Aug-01	4.15%	8,642	208,428						
Sep-01	4.68%	10,422	222,828						
Oct-01	4.18%	7,449	178,195						
Nov-01	3.50%	7,746	221,023						
Dec-01	3.66%	6,816	186,182						
Jan-02	3.28%	6,059	184,559	3.09%	10	324		0.1984	YES
Feb-02	3.38%	7,381	218,644	5.03%	16	318		-1.6335	YES
Mar-02	3.73%	7,057	189,017	4.55%	3	66		-0.3479	YES
Apr-02	3.71%	7,142	192,451	0.00%	0	46		1.3313	YES

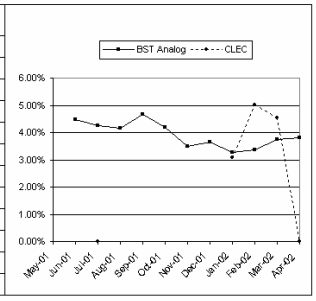


Note 1: Retail Residence / Business (POTS) excluding Switch Based Orders data serves as the BST Analog for this report

Chart B.2.19.13.1.4 - April 2002 – 4.0 System Output (Official Results)

B.2.19.13.1.4 2W Analog Loop w/LNP Non-Design/<10 circuits/Dispatch In/GA (%)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
May-01									
Jun-01	4.48%	11,319	252,681						
Jul-01	4.25%	10,635	250,407	0.00%	0	270		3.4587	YES
Aug-01	4.15%	8,642	208,428						
Sep-01	4.68%	10,422	222,828						
Oct-01	4.18%	7,449	178,195						
Nov-01	3.50%	7,746	221,023						
Dec-01	3.66%	6,816	186,182						
Jan-02	3.28%	6,059	184,559	3.09%	10	324		0.1984	YES
Feb-02	3.38%	7,381	218,644	5.03%	16	318		-1.6335	YES
Mar-02	3.73%	7,057	189,017	4.55%	3	66		-0.3479	YES
Apr-02	3.82%	7,164	187,765	0.00%	0	46		1.3507	YES

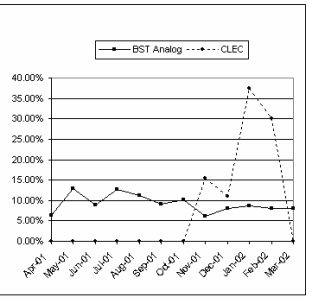


Note 1: Retail Residence / Business (POTS) excluding Switch Based Orders data serves as the BST Analog for this report

Chart B.2.19.13.2.1 - March 2002 – 2.6 System Output (Official Results)

B.2.19.13.2.1 2W Analog Loop w/LNP Non-Design/>=10 circuits/Dispatch/GA (%)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
Apr-01	6.25%	13	208	0.00%	0	4		0.5115	YES
May-01	12.87%	22	171	0.00%	0	3		0.6598	YES
Jun-01	8.89%	12	135	0.00%	0	12		1.0369	YES
Jul-01	12.67%	19	150	0.00%	0	18		1.5268	YES
Aug-01	11.24%	19	169	0.00%	0	18		1.4355	YES
Sep-01	9.00%	19	211	0.00%	0	23		1.4326	YES
Oct-01	10.11%	18	178	0.00%	0	27		1.6240	YES
Nov-01	6.15%	12	195	15.38%	2	13		-1.3410	YES
Dec-01	8.06%	15	186	11.11%	1	9		-0.3278	YES
Jan-02	8.76%	12	137	37.50%	3	8		-2.7951	NO
Feb-02	7.98%	15	188	30.00%	3	10		-2.5043	NO
Mar-02	8.00%	12	150	0.00%	0	2		0.4143	YES

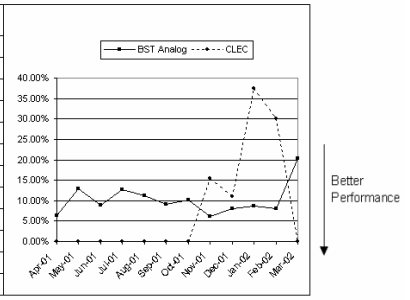


Note 1: Retail Residence / Business (POTS) excluding Switch Based Orders data serves as the BST Analog for this report

Chart B.2.19.13.2.1 - March 2002 – 4.0 System Output (Non-Official Results)

B.2.19.13.2.1 2W Analog Loop w/LNP Non-Design/>=10 circuits/Dispatch/GA (%)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
Apr-01	6.25%	13	208	0.00%	0	4		0.5115	YES
May-01	12.87%	22	171	0.00%	0	3		0.6598	YES
Jun-01	8.89%	12	135	0.00%	0	12		1.0369	YES
Jul-01	12.67%	19	150	0.00%	0	18		1.5268	YES
Aug-01	11.24%	19	169	0.00%	0	18		1.4355	YES
Sep-01	9.00%	19	211	0.00%	0	23		1.4326	YES
Oct-01	10.11%	18	178	0.00%	0	27		1.6240	YES
Nov-01	6.15%	12	195	15.38%	2	13		-1.3410	YES
Dec-01	8.06%	15	186	11.11%	1	9		-0.3278	YES
Jan-02	8.76%	12	137	37.50%	3	8		-2.7951	NO
Feb-02	7.98%	15	188	30.00%	3	10		-2.5043	NO
Mar-02	20.39%	31	152	0.00%	0	2		0.7112	YES

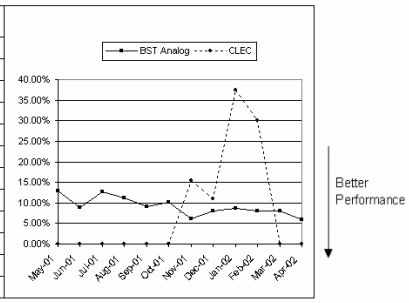


Note 1: Retail Residence / Business (POTS) excluding Switch Based Orders data serves as the BST Analog for this report
Note 2: ATTORNEY-CLIENT PRIVILEGED DOCUMENT. PREPARED IN ANTICIPATION OF LITIGATION.

Chart B.2.19.13.2.1 - April 2002 – 2.6 System Output (Non-Official Results)

B.2.19.13.2.1 2W Analog Loop w/LNP Non-Design/>=10 circuits/Dispatch/GA (%)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
May-01	12.87%	22	171	0.00%	0	3		0.6598	YES
Jun-01	8.89%	12	135	0.00%	0	12		1.0369	YES
Jul-01	12.67%	19	150	0.00%	0	18		1.5268	YES
Aug-01	11.24%	19	169	0.00%	0	18		1.4355	YES
Sep-01	9.00%	19	211	0.00%	0	23		1.4326	YES
Oct-01	10.11%	18	178	0.00%	0	27		1.6240	YES
Nov-01	6.15%	12	195	15.38%	2	13		-1.3410	YES
Dec-01	8.06%	15	186	11.11%	1	9		-0.3278	YES
Jan-02	8.76%	12	137	37.50%	3	8		-2.7951	NO
Feb-02	7.98%	15	188	30.00%	3	10		-2.5043	NO
Mar-02	8.00%	12	150	0.00%	0	2		0.4143	YES
Apr-02	5.83%	12	206	0.00%	0	4		0.4927	YES

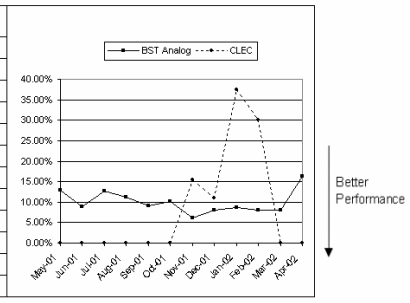


Note 1: Retail Residence / Business (POTS) excluding Switch Based Orders data serves as the BST Analog for this report

Chart B.2.19.13.2.1 - April 2002 – 4.0 System Output (Official Results)

B.2.19.13.2.1 2W Analog Loop w/LNP Non-Design/>=10 circuits/Dispatch/GA (%)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
May-01	12.87%	22	171	0.00%	0	3		0.6598	YES
Jun-01	8.89%	12	135	0.00%	0	12		1.0369	YES
Jul-01	12.67%	19	150	0.00%	0	18		1.5268	YES
Aug-01	11.24%	19	169	0.00%	0	18		1.4355	YES
Sep-01	9.00%	19	211	0.00%	0	23		1.4326	YES
Oct-01	10.11%	18	178	0.00%	0	27		1.6240	YES
Nov-01	6.15%	12	195	15.38%	2	13		-1.3410	YES
Dec-01	8.06%	15	186	11.11%	1	9		-0.3278	YES
Jan-02	8.76%	12	137	37.50%	3	8		-2.7951	NO
Feb-02	7.98%	15	188	30.00%	3	10		-2.5043	NO
Mar-02	8.00%	12	150	0.00%	0	2		0.4143	YES
Apr-02	16.26%	33	203	0.00%	0	4		0.8726	YES

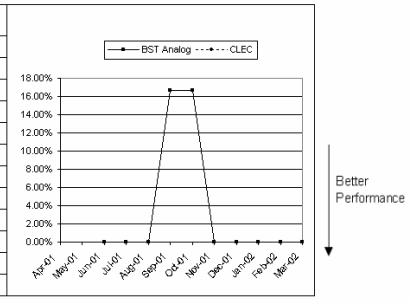


Note 1: Retail Residence / Business (POTS) excluding Switch Based Orders data serves as the BST Analog for this report

Chart B.2.19.13.2.4 - March 2002 – 2.6 System Output (Official Results)

B.2.19.13.2.4 2W Analog Loop w/LNP Non-Design/>=10 circuits/Dispatch In/GA (%)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
Apr-01									
May-01									
Jun-01	0.00%	0	28						
Jul-01	0.00%	0	7	0.00%	0	3			YES
Aug-01	0.00%	0	8						
Sep-01	16.67%	1	6						
Oct-01	16.67%	1	6						
Nov-01	0.00%	0	7						
Dec-01	0.00%	0	3						
Jan-02	0.00%	0	6	0.00%	0	2			YES
Feb-02	0.00%	0	9	0.00%	0	5			YES
Mar-02	0.00%	0	8	0.00%	0	2			YES

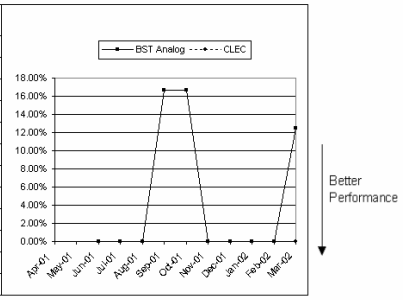


Note 1: Retail Residence / Business (POTS) excluding Switch Based Orders data serves as the BST Analog for this report

Chart B.2.19.13.2.4 - March 2002 – 4.0 System Output (Non-Official Results)

B.2.19.13.2.4 2W Analog Loop w/LNP Non-Design/>=10 circuits/Dispatch In/GA (%)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
Apr-01									
May-01									
Jun-01	0.00%	0	28						
Jul-01	0.00%	0	7	0.00%	0	3			YES
Aug-01	0.00%	0	8						
Sep-01	16.67%	1	6						
Oct-01	16.67%	1	6						
Nov-01	0.00%	0	7						
Dec-01	0.00%	0	3						
Jan-02	0.00%	0	6	0.00%	0	2			YES
Feb-02	0.00%	0	9	0.00%	0	5			YES
Mar-02	12.50%	1	8	0.00%	0	2		0.4781	YES

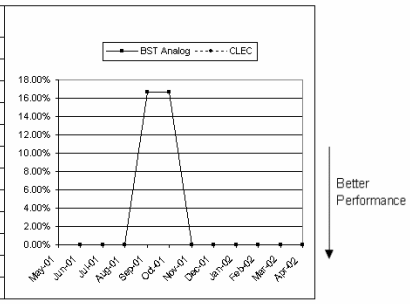


Note 1: Retail Residence / Business (POTS) excluding Switch Based Orders data serves as the BST Analog for this report
Note 2: ATTORNEY-CLIENT PRIVILEGED DOCUMENT. PREPARED IN ANTICIPATION OF LITIGATION.

Chart B.2.19.13.2.4 - April 2002 – 2.6 System Output (Non-Official Results)

B.2.19.13.2.4 2W Analog Loop w/LNP Non-Design/>=10 circuits/Dispatch In/GA (%)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
May-01									
Jun-01	0.00%	0	28						
Jul-01	0.00%	0	7	0.00%	0	3			YES
Aug-01	0.00%	0	8						
Sep-01	16.67%	1	6						
Oct-01	16.67%	1	6						
Nov-01	0.00%	0	7						
Dec-01	0.00%	0	3						
Jan-02	0.00%	0	6	0.00%	0	2			YES
Feb-02	0.00%	0	9	0.00%	0	5			YES
Mar-02	0.00%	0	8	0.00%	0	2			YES
Apr-02	0.00%	0	2						

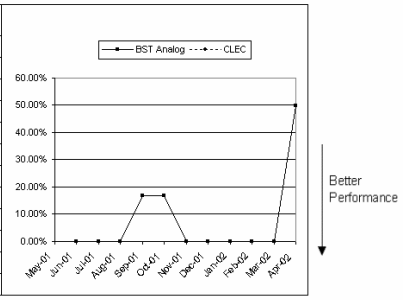


Note 1: Retail Residence / Business (POTS) excluding Switch Based Orders data serves as the BST Analog for this report

Chart B.2.19.13.2.4 - April 2002 – 4.0 System Output (Official Results)

B.2.19.13.2.4 2W Analog Loop w/LNP Non-Design/>=10 circuits/Dispatch In/GA (%)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
May-01									
Jun-01	0.00%	0	28						
Jul-01	0.00%	0	7	0.00%	0	3			YES
Aug-01	0.00%	0	8						
Sep-01	16.67%	1	6						
Oct-01	16.67%	1	6						
Nov-01	0.00%	0	7						
Dec-01	0.00%	0	3						
Jan-02	0.00%	0	6	0.00%	0	2			YES
Feb-02	0.00%	0	9	0.00%	0	5			YES
Mar-02	0.00%	0	8	0.00%	0	2			YES
Apr-02	50.00%	2	4						



Note 1: Retail Residence / Business (POTS) excluding Switch Based Orders data serves as the BST Analog for this report

Difference Quantification - April

Volume: PMAP 2.6 picked up 148 records. PMAP 4.0 picked up 147 records.

PMAP 4.0 picked up 1 less compared to PMAP 2.6

Numerator: PMAP 2.6 picked up 3 records. PMAP 4.0 picked up 3 records.

No Difference

Difference Explanation - April

Volume:

In the discussion for UNE 2W Analog Loop Non-Design, there were two service orders that had not been identified as LNP sub products, and had therefore been moved from this group. In addition to the 2 records moved because of this product identification shift, one service order ('NP019MJ4') has been identified as LNP, increasing this product bucket by 1 order. These results in a net difference of 1 less service order in PMAP 4.0 – 2 were moved to w/o Number Port and one additional order was included.

Numerator: No difference

Difference Quantification - March

Volume: PMAP 2.6 picked up 164 records. PMAP 4.0 picked up 158 records.
PMAP 4.0 picked up 6 less compared to PMAP 2.6

Numerator: PMAP 2.6 picked up 10 records. PMAP 4.0 picked up 11 records.
PMAP 4.0 picked up 1 more compared to PMAP 2.6

Difference Explanation - March

Volume:

PMAP 4.0 has loaded 6 service orders (order numbers: 'NO60J5Q7','NOBGLVN9', 'NOCN61Q4','NODP3224','NOFD1BL0','NOFXLKX4') less with UNE 2W Analog Loop Non-Design w/LNP product compared to PMAP 2.6. See discussion in the 2 Wire Analog Loop Non-Design section for the balance of this difference – in short PMAP 2.6 identified them as LNP, and PMAP 4.0 is not, based on the additional checks performed for LNP information to drive records to this disaggregation.

- Excerpt from above section

For the remaining 6 service orders, (with order numbers: 'NODP3224', 'NOFD1BL0', 'NOFXLKX4', 'NO60J5Q7', 'NOBGLVN9', 'NOCN61Q4'), PMAP 2.6 has identified them as UNE 2w Analog Loop Non-Design w/LNP product. These 6 service orders have been identified by PMAP 4.0 as UNE 2w Analog Loop Non-Design w/o NP product.

Numerator:

The 1 service order difference is because of the common business rule change discussed at the beginning of this section.

The difference service order (order number: 'NOFR3162') in PMAP 2.6 did not get any matching trouble ticket. On the other hand, PMAP 4.0 was able to get a matching trouble ticket for this service orders based on the detailed line information from the Associated Lines source feed.

Local Interconnection Trunks

March Research Data

Chart Reference(s): C.2.6

C.2.8

April Research Data

Chart Reference(s): C.2.6

C.2.8

Chart Reference

Chart C.2.6 - March 2002 – 2.6 System Output (Official Results)

C.2.6 Local Interconnection Trunks/GA (%)

	BST	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
Apr-01	0.00%	0	1,999	0.00%	0	1,362			YES
May-01	1.30%	65	5,007	0.03%	1	3,835		5.2371	YES
Jun-01	0.01%	1	8,658	0.00%	0	4,617		0.5898	YES
Jul-01	0.57%	78	13,712	0.00%	0	5,229		4.6537	YES
Aug-01	0.00%	0	8,818	0.07%	3	4,239			NO
Sep-01	0.13%	6	4,537	0.00%	0	1,253		1.1402	YES
Oct-01	0.72%	27	3,766	0.00%	0	1,315		2.6530	YES
Nov-01	0.00%	0	2,076	0.08%	1	1,189			NO
Dec-01	0.00%	0	2,573	0.00%	0	1,166			YES
Jan-02	0.00%	0	1,584	0.18%	2	1,122			NO
Feb-02	0.00%	0	2,298	0.10%	1	957			NO
Mar-02	1.88%	55	2,928	0.00%	0	2,055		4.8079	YES

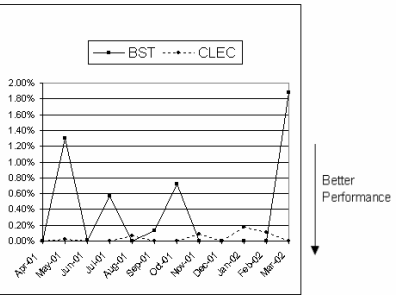


Chart C.2.6 - March 2002 – 4.0 System Output (Non-Official Results)

C.2.6 Local Interconnection Trunks/GA (%)

	BST	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
Apr-01	0.00%	0	1,999	0.00%	0	1,362			YES
May-01	1.30%	65	5,007	0.03%	1	3,835		5.2371	YES
Jun-01	0.01%	1	8,658	0.00%	0	4,617		0.5898	YES
Jul-01	0.57%	78	13,712	0.00%	0	5,229		4.6537	YES
Aug-01	0.00%	0	8,818	0.07%	3	4,239			NO
Sep-01	0.13%	6	4,537	0.00%	0	1,253		1.1402	YES
Oct-01	0.72%	27	3,766	0.00%	0	1,315		2.6530	YES
Nov-01	0.00%	0	2,076	0.08%	1	1,189			NO
Dec-01	0.00%	0	2,573	0.00%	0	1,166			YES
Jan-02	0.00%	0	1,584	0.18%	2	1,122			NO
Feb-02	0.00%	0	2,298	0.10%	1	957			NO
Mar-02	4.85%	243	5,011	0.00%	0	4,010		10.6547	YES

Note 1: ATTORNEY-CLIENT PRIVILEGED DOCUMENT. PREPARED IN ANTICIPATION OF LITIGATION.

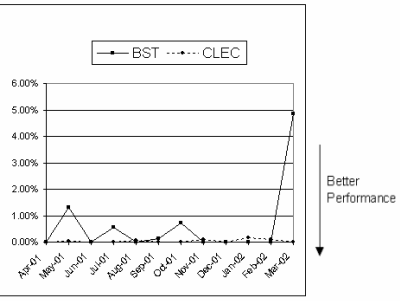


Chart C.2.8 - March 2002 – 2.6 System Output (Official Results)

C.2.8 Local Interconnection Trunks/GA (days)

	BST	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
Apr-01									Diagnostic
May-01									Diagnostic
Jun-01									Diagnostic
Jul-01									Diagnostic
Aug-01									Diagnostic
Sep-01									Diagnostic
Oct-01									Diagnostic
Nov-01									Diagnostic
Dec-01									Diagnostic
Jan-02				36.33	1,417	39			Diagnostic
Feb-02				24.82	918	37			Diagnostic
Mar-02				30.62	1,041	34			Diagnostic

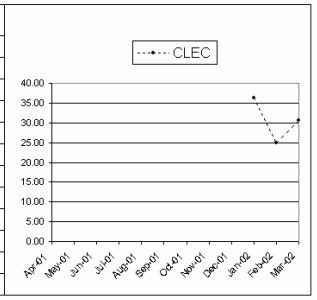


Chart C.2.8 - March 2002 – 4.0 System Output (Non-Official Results)

C.2.8 Local Interconnection Trunks/GA (days)

	BST	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
Apr-01									Diagnostic
May-01									Diagnostic
Jun-01									Diagnostic
Jul-01									Diagnostic
Aug-01									Diagnostic
Sep-01									Diagnostic
Oct-01									Diagnostic
Nov-01									Diagnostic
Dec-01									Diagnostic
Jan-02				36.33	1,417	39			Diagnostic
Feb-02				24.82	918	37			Diagnostic
Mar-02				29.69	1,306	44			Diagnostic

Note 1: ATTORNEY-CLIENT PRIVILEGED DOCUMENT. PREPARED IN ANTICIPATION OF LITIGATION.

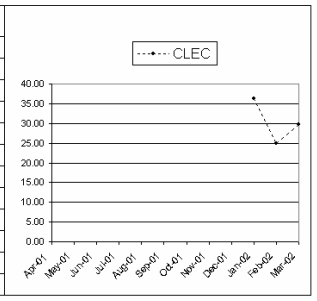


Chart C.2.6 - April 2002 – 2.6 System Output (Non-Official Results)

C.2.6 Local Interconnection Trunks/GA (%)

	BST	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
May-01	1.30%	65	5,007	0.03%	1	3,835		5.2371	YES
Jun-01	0.01%	1	8,658	0.00%	0	4,617		0.5898	YES
Jul-01	0.57%	78	13,712	0.00%	0	5,229		4.6537	YES
Aug-01	0.00%	0	8,818	0.07%	3	4,239			NO
Sep-01	0.13%	6	4,537	0.00%	0	1,253		1.1402	YES
Oct-01	0.72%	27	3,766	0.00%	0	1,315		2.6530	YES
Nov-01	0.00%	0	2,076	0.08%	1	1,189			NO
Dec-01	0.00%	0	2,573	0.00%	0	1,166			YES
Jan-02	0.00%	0	1,584	0.18%	2	1,122			NO
Feb-02	0.00%	0	2,298	0.10%	1	957			NO
Mar-02	1.88%	55	2,928	0.00%	0	2,055		4.8079	YES
Apr-02	0.46%	18	3,928	0.00%	0	2,484		2.6467	YES

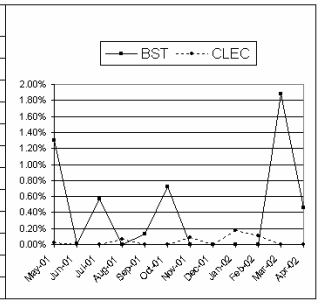


Chart C.2.6 - April 2002 – 4.0 System Output (Official Results)

C.2.6 Local Interconnection Trunks/GA (%)

	BST	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
May-01	1.30%	65	5,007	0.03%	1	3,835		5.2371	YES
Jun-01	0.01%	1	8,658	0.00%	0	4,617		0.5898	YES
Jul-01	0.57%	78	13,712	0.00%	0	5,229		4.6537	YES
Aug-01	0.00%	0	8,818	0.07%	3	4,239			NO
Sep-01	0.13%	6	4,537	0.00%	0	1,253		1.1402	YES
Oct-01	0.72%	27	3,766	0.00%	0	1,315		2.6530	YES
Nov-01	0.00%	0	2,076	0.08%	1	1,189			NO
Dec-01	0.00%	0	2,573	0.00%	0	1,166			YES
Jan-02	0.00%	0	1,584	0.18%	2	1,122			NO
Feb-02	0.00%	0	2,298	0.10%	1	957			NO
Mar-02	1.88%	55	2,928	0.00%	0	2,055		4.8079	YES
Apr-02	1.65%	120	7,263	0.00%	0	5,152		7.1158	YES

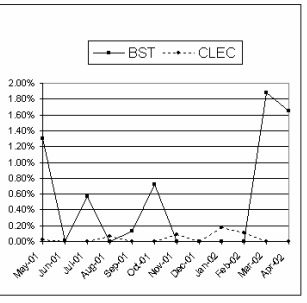


Chart C.2.8 - April 2002 – 2.6 System Output (Non-Official Results)

C.2.8 Local Interconnection Trunks/GA (days)

	BST	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
May-01									Diagnostic
Jun-01									Diagnostic
Jul-01									Diagnostic
Aug-01									Diagnostic
Sep-01									Diagnostic
Oct-01									Diagnostic
Nov-01									Diagnostic
Dec-01									Diagnostic
Jan-02				36.33	1,417	39			Diagnostic
Feb-02				24.82	918	37			Diagnostic
Mar-02				30.62	1,041	34			Diagnostic
Apr-02				27.49	1,127	41			Diagnostic

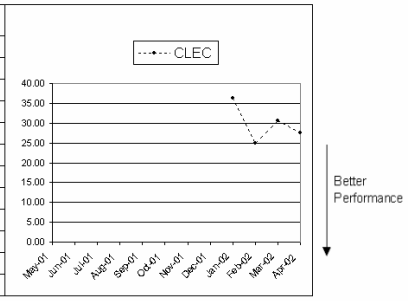
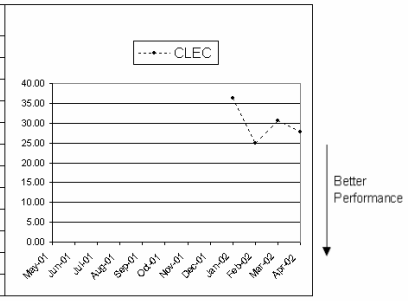


Chart C.2.8 - April 2002 – 4.0 System Output (Official Results)

C.2.8 Local Interconnection Trunks/GA (days)

	BST	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
May-01									Diagnostic
Jun-01									Diagnostic
Jul-01									Diagnostic
Aug-01									Diagnostic
Sep-01									Diagnostic
Oct-01									Diagnostic
Nov-01									Diagnostic
Dec-01									Diagnostic
Jan-02				36.33	1,417	39			Diagnostic
Feb-02				24.82	918	37			Diagnostic
Mar-02				30.62	1,041	34			Diagnostic
Apr-02				27.83	1,865	67			Diagnostic



Difference Quantification - April

Volume: PMAP 2.6 picked up 2484 records. PMAP 4.0 picked up 5152 records.

PMAP 4.0 picked up 2668 more compared to PMAP 2.6

Difference Explanation - April

Volume:

LIT measures use WFA/Provisioning data for identification of trunk orders, and then match this record set back to SOCS to complete the metric calculation. The trunks are first extracted from WFA/P with a primary criteria of `ckt_id(13,13) = "J"`, and then the WFA service order number is joined to SOCS. WFA stores its order number in a 20 char field, SOCS in an 8 char field. On trunks, the CPG will 'split' large circuit quantity orders and designate them in WFA with an order number of `XXXXXXXX_ _ _ _ /A`, the `'/A'` being significant. In the warehouse population of PMAP 2.6, the WFA order should have used a substring to remove the

characters past position 8, allowing an 8 char to 8 char join which would have matched and included these trunks. This is why 2.6 had a lower trunk volume.

These records got identified as Design product, with customer identified as Bellsouth (‘cust_id’ = 0) (BST Design).

Difference Quantification - March

Volume: PMAP 2.6 picked up 2055 records. PMAP 4.0 picked up 4010 records.

PMAP 4.0 picked up 1955 more compared to PMAP 2.6

Difference Explanation - March

Volume:

LIT measures use WFA/Provisioning data for identification of trunk orders, and then join this record set back to SOCS to complete the metric calculation. The trunks are first extracted from WFA/P with a primary criteria of ckt_id(13,13) = “J”, and then the WFA service order number is joined to SOCS. WFA stores its order number in a 20 char field, SOCS in an 8 char field. On trunks, the CPG will ‘split’ large circuit quantity orders and designate them in WFA with an order number of XXXXXXXX_ _ _ _ /A, the ‘/A’ being significant. In the warehouse population of PMAP 2.6, the WFA order should have used a substring to remove the characters past position 8, allowing an 8 char to 8 char join which would have matched and included these trunks. This is why 2.6 had a lower trunk volume.

These records got identified as Design product, with customer identified as Bellsouth (‘cust_id’ = 0) (BST Design).

Digital Loop >= DS1

March Research Data

Chart Reference(s): B.2.19.19.1.1

B.2.19.19.1.2

B.2.19.19.2.1

B.2.19.19.2.2

April Research Data

Chart Reference(s): B.2.19.19.1.1

B.2.19.19.1.2

B.2.19.19.2.1

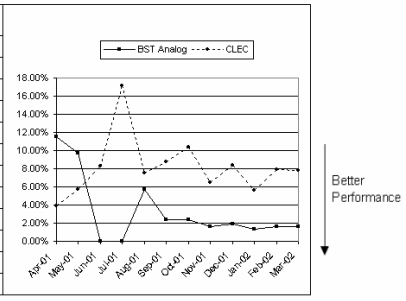
B.2.19.19.2.2

Chart Reference

Chart B.2.19.19.1.1 - March 2002 – 2.6 System Output (Official Results)

B.2.19.19.1.1 Digital Loop >= DS1/<10 circuits/Dispatch/GA (%)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
Apr-01	11.54%	9	78	3.86%	15	389		1.9375	YES
May-01	9.71%	10	103	5.74%	38	662		1.2658	YES
Jun-01	0.00%	0	45	8.32%	42	505			NO
Jul-01	0.00%	0	35	17.11%	26	152			NO
Aug-01	5.71%	4	70	7.55%	12	159		-0.5505	YES
Sep-01	2.39%	9	376	8.72%	15	172		-4.4970	NO
Oct-01	2.38%	8	336	10.34%	15	145		-5.2573	NO
Nov-01	1.65%	7	424	6.51%	11	169		-4.1908	NO
Dec-01	1.86%	6	323	8.42%	16	190		-5.3168	NO
Jan-02	1.29%	4	309	5.60%	7	125		-3.5933	NO
Feb-02	1.61%	5	311	7.91%	14	177		-5.3216	NO
Mar-02	1.65%	6	364	7.80%	17	218		-5.6398	NO

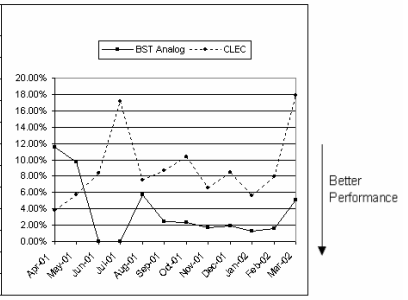


Note 1: Retail Digital Loop >= DS1 data serves as the BST Analog for this report

Chart B.2.19.19.1.1 - March 2002 – 4.0 System Output (Non-Official Results)

B.2.19.19.1.1 Digital Loop >= DS1/<10 circuits/Dispatch/GA (%)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
Apr-01	11.54%	9	78	3.86%	15	389		1.9375	YES
May-01	9.71%	10	103	5.74%	38	662		1.2658	YES
Jun-01	0.00%	0	45	8.32%	42	505			NO
Jul-01	0.00%	0	35	17.11%	26	152			NO
Aug-01	5.71%	4	70	7.55%	12	159		-0.5505	YES
Sep-01	2.39%	9	376	8.72%	15	172		-4.4970	NO
Oct-01	2.38%	8	336	10.34%	15	145		-5.2573	NO
Nov-01	1.65%	7	424	6.51%	11	169		-4.1908	NO
Dec-01	1.86%	6	323	8.42%	16	190		-5.3168	NO
Jan-02	1.29%	4	309	5.60%	7	125		-3.5933	NO
Feb-02	1.61%	5	311	7.91%	14	177		-5.3216	NO
Mar-02	5.10%	18	353	17.89%	39	218		-6.7501	NO

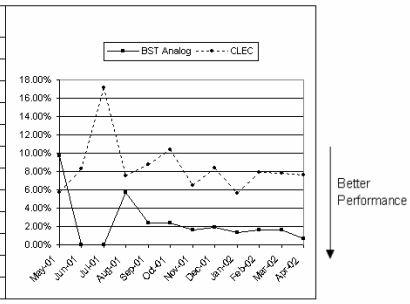


Note 1: Retail Digital Loop >= DS1 data serves as the BST Analog for this report
Note 2: ATTORNEY-CLIENT PRIVILEGED DOCUMENT. PREPARED IN ANTICIPATION OF LITIGATION.

Chart B.2.19.19.1.1 - April 2002 – 2.6 System Output (Non-Official Results)

B.2.19.19.1.1 Digital Loop >= DS1/<10 circuits/Dispatch/GA (%)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
May-01	9.71%	10	103	5.74%	38	662		1.2658	YES
Jun-01	0.00%	0	45	8.32%	42	505			NO
Jul-01	0.00%	0	35	17.11%	26	152			NO
Aug-01	5.71%	4	70	7.55%	12	159		-0.5505	YES
Sep-01	2.39%	9	376	8.72%	15	172		-4.4970	NO
Oct-01	2.38%	8	336	10.34%	15	145		-5.2573	NO
Nov-01	1.65%	7	424	6.51%	11	169		-4.1908	NO
Dec-01	1.86%	6	323	8.42%	16	190		-5.3168	NO
Jan-02	1.29%	4	309	5.60%	7	125		-3.5933	NO
Feb-02	1.61%	5	311	7.91%	14	177		-5.3216	NO
Mar-02	1.65%	6	364	7.80%	17	218		-5.6398	NO
Apr-02	0.65%	2	308	7.61%	15	197		-9.5050	NO

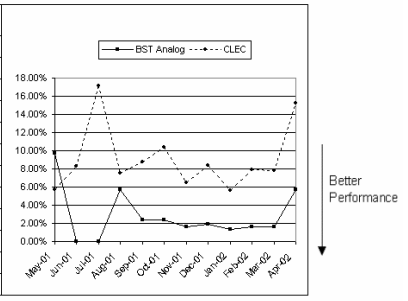


Note 1: Retail Digital Loop >= DS1 data serves as the BST Analog for this report

Chart B.2.19.19.1.1 - April 2002 – 4.0 System Output (Official Results)

B.2.19.19.1.1 Digital Loop >= DS1/<10 circuits/Dispatch/GA (%)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
May-01	9.71%	10	103	5.74%	38	662		1.2658	YES
Jun-01	0.00%	0	45	8.32%	42	505			NO
Jul-01	0.00%	0	35	17.11%	26	152			NO
Aug-01	5.71%	4	70	7.55%	12	159		-0.5505	YES
Sep-01	2.39%	9	376	8.72%	15	172		-4.4970	NO
Oct-01	2.38%	8	336	10.34%	15	145		-5.2573	NO
Nov-01	1.65%	7	424	6.51%	11	169		-4.1908	NO
Dec-01	1.86%	6	323	8.42%	16	190		-5.3168	NO
Jan-02	1.29%	4	309	5.60%	7	125		-3.5933	NO
Feb-02	1.61%	5	311	7.91%	14	177		-5.3216	NO
Mar-02	1.65%	6	364	7.80%	17	218		-5.6398	NO
Apr-02	5.71%	18	315	15.23%	30	197		-4.5125	NO

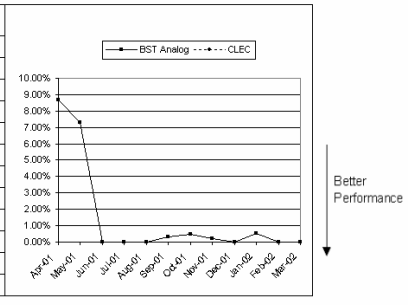


Note 1: Retail Digital Loop >= DS1 data serves as the BST Analog for this report

Chart B.2.19.19.1.2 - March 2002 – 2.6 System Output (Official Results)

B.2.19.19.1.2 Digital Loop >= DS1/<10 circuits/Non-Dispatch/GA (%)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
Apr-01	8.70%	6	69						
May-01	7.32%	3	41						
Jun-01	0.00%	0	9						
Jul-01	0.00%	0	6						
Aug-01	0.00%	0	35						
Sep-01	0.29%	2	685						
Oct-01	0.49%	3	612						
Nov-01	0.23%	1	443						
Dec-01	0.00%	0	351						
Jan-02	0.52%	2	387						
Feb-02	0.00%	0	751						
Mar-02	0.00%	0	330						

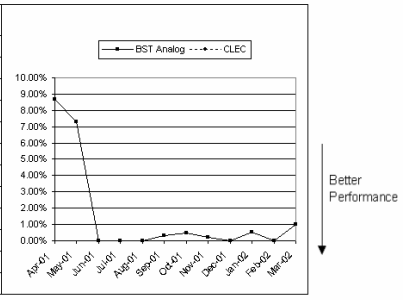


Note 1: Retail Digital Loop >= DS1 data serves as the BST Analog for this report

Chart B.2.19.19.1.2 - March 2002 – 4.0 System Output (Non-Official Results)

B.2.19.19.1.2 Digital Loop >= DS1/<10 circuits/Non-Dispatch/GA (%)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
Apr-01	8.70%	6	69						
May-01	7.32%	3	41						
Jun-01	0.00%	0	9						
Jul-01	0.00%	0	6						
Aug-01	0.00%	0	35						
Sep-01	0.29%	2	685						
Oct-01	0.49%	3	612						
Nov-01	0.23%	1	443						
Dec-01	0.00%	0	351						
Jan-02	0.52%	2	387						
Feb-02	0.00%	0	751						
Mar-02	1.02%	3	293						

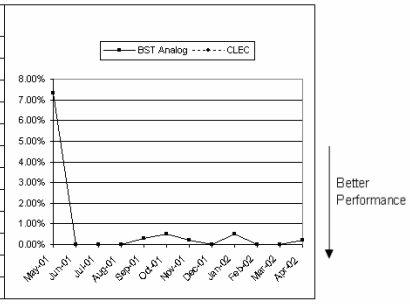


Note 1: Retail Digital Loop >= DS1 data serves as the BST Analog for this report
Note 2: ATTORNEY-CLIENT PRIVILEGED DOCUMENT. PREPARED IN ANTICIPATION OF LITIGATION.

Chart B.2.19.19.1.2 - April 2002 – 2.6 System Output (Non-Official Results)

B.2.19.19.1.2 Digital Loop >= DS1/<10 circuits/Non-Dispatch/GA (%)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
May-01	7.32%	3	41						
Jun-01	0.00%	0	9						
Jul-01	0.00%	0	6						
Aug-01	0.00%	0	35						
Sep-01	0.29%	2	685						
Oct-01	0.49%	3	612						
Nov-01	0.23%	1	443						
Dec-01	0.00%	0	351						
Jan-02	0.52%	2	387						
Feb-02	0.00%	0	751						
Mar-02	0.00%	0	330						
Apr-02	0.20%	1	488						

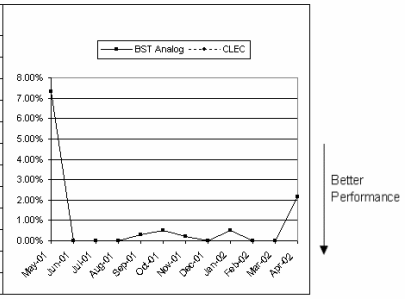


Note 1: Retail Digital Loop >= DS1 data serves as the BST Analog for this report

Chart B.2.19.19.1.2 - April 2002 – 4.0 System Output (Official Results)

B.2.19.19.1.2 Digital Loop >= DS1/<10 circuits/Non-Dispatch/GA (%)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
May-01	7.32%	3	41						
Jun-01	0.00%	0	9						
Jul-01	0.00%	0	6						
Aug-01	0.00%	0	35						
Sep-01	0.29%	2	685						
Oct-01	0.49%	3	612						
Nov-01	0.23%	1	443						
Dec-01	0.00%	0	351						
Jan-02	0.52%	2	387						
Feb-02	0.00%	0	751						
Mar-02	0.00%	0	330						
Apr-02	2.17%	9	415						

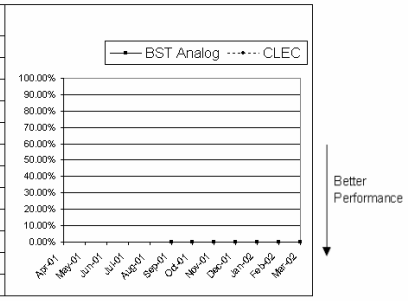


Note 1: Retail Digital Loop >= DS1 data serves as the BST Analog for this report

Chart B.2.19.19.2.1 - March 2002 – 2.6 System Output (Official Results)

B.2.19.19.2.1 Digital Loop >= DS1/>=10 circuits/Dispatch/GA (%)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
Apr-01									
May-01									
Jun-01									
Jul-01									
Aug-01									
Sep-01	0.00%	0	22						
Oct-01	0.00%	0	38						
Nov-01	0.00%	0	2						
Dec-01	0.00%	0	2						
Jan-02	0.00%	0	12						
Feb-02	0.00%	0	15						
Mar-02	0.00%	0	14						

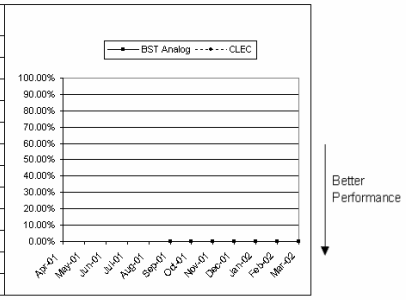


Note 1: Retail Digital Loop >= DS1 data serves as the BST Analog for this report

Chart B.2.19.19.2.1 - March 2002 – 4.0 System Output (Non-Official Results)

B.2.19.19.2.1 Digital Loop >= DS1/>=10 circuits/Dispatch/GA (%)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
Apr-01									
May-01									
Jun-01									
Jul-01									
Aug-01									
Sep-01	0.00%	0	22						
Oct-01	0.00%	0	38						
Nov-01	0.00%	0	2						
Dec-01	0.00%	0	2						
Jan-02	0.00%	0	12						
Feb-02	0.00%	0	15						
Mar-02	0.00%	0	6						

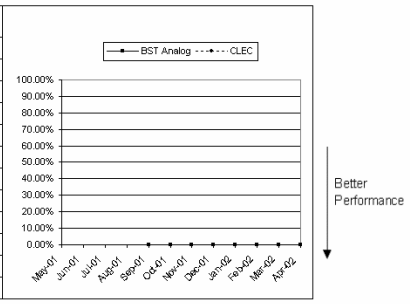


Note 1: Retail Digital Loop >= DS1 data serves as the BST Analog for this report
Note 2: ATTORNEY-CLIENT PRIVILEGED DOCUMENT. PREPARED IN ANTICIPATION OF LITIGATION.

Chart B.2.19.19.2.1 - April 2002 – 2.6 System Output (Non-Official Results)

B.2.19.19.2.1 Digital Loop >= DS1/>=10 circuits/Dispatch/GA (%)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
May-01									
Jun-01									
Jul-01									
Aug-01									
Sep-01	0.00%	0	22						
Oct-01	0.00%	0	38						
Nov-01	0.00%	0	2						
Dec-01	0.00%	0	2						
Jan-02	0.00%	0	12						
Feb-02	0.00%	0	15						
Mar-02	0.00%	0	14						
Apr-02	0.00%	0	29						

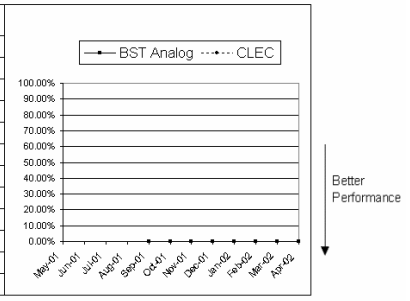


Note 1: Retail Digital Loop >= DS1 data serves as the BST Analog for this report

Chart B.2.19.19.2.1 - April 2002 – 4.0 System Output (Official Results)

B.2.19.19.2.1 Digital Loop >= DS1/>=10 circuits/Dispatch/GA (%)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
May-01									
Jun-01									
Jul-01									
Aug-01									
Sep-01	0.00%	0	22						
Oct-01	0.00%	0	38						
Nov-01	0.00%	0	2						
Dec-01	0.00%	0	2						
Jan-02	0.00%	0	12						
Feb-02	0.00%	0	15						
Mar-02	0.00%	0	14						
Apr-02	0.00%	0	14						

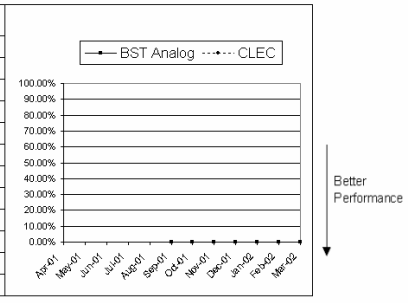


Note 1: Retail Digital Loop >= DS1 data serves as the BST Analog for this report

Chart B.2.19.19.2.2 - March 2002 – 2.6 System Output (Official Results)

B.2.19.19.2.2 Digital Loop >= DS1/>=10 circuits/Non-Dispatch/GA (%)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
Apr-01									
May-01									
Jun-01									
Jul-01									
Aug-01									
Sep-01	0.00%	0	72						
Oct-01	0.00%	0	114						
Nov-01	0.00%	0	254						
Dec-01	0.00%	0	197						
Jan-02	0.00%	0	229						
Feb-02	0.00%	0	230						
Mar-02	0.00%	0	258						

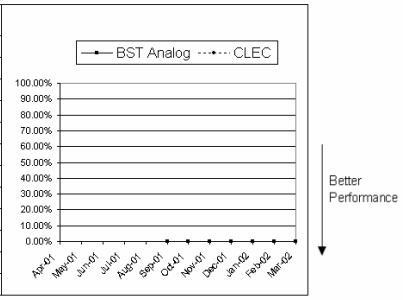


Note 1: Retail Digital Loop >= DS1 data serves as the BST Analog for this report

Chart B.2.19.19.2.2 - March 2002 – 4.0 System Output (Non-Official Results)

B.2.19.19.2.2 Digital Loop >= DS1/>=10 circuits/Non-Dispatch/GA (%)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
Apr-01									
May-01									
Jun-01									
Jul-01									
Aug-01									
Sep-01	0.00%	0	72						
Oct-01	0.00%	0	114						
Nov-01	0.00%	0	254						
Dec-01	0.00%	0	197						
Jan-02	0.00%	0	229						
Feb-02	0.00%	0	230						
Mar-02	0.00%	0	260						

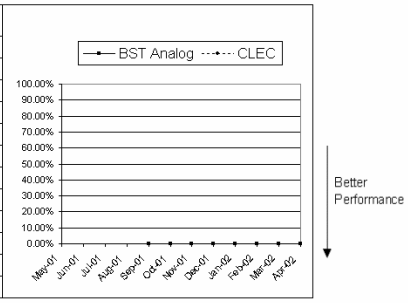


Note 1: Retail Digital Loop >= DS1 data serves as the BST Analog for this report
Note 2: ATTORNEY-CLIENT PRIVILEGED DOCUMENT. PREPARED IN ANTICIPATION OF LITIGATION.

Chart B.2.19.19.2.2 - April 2002 – 2.6 System Output (Non-Official Results)

B.2.19.19.2.2 Digital Loop >= DS1/>=10 circuits/Non-Dispatch/GA (%)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
May-01									
Jun-01									
Jul-01									
Aug-01									
Sep-01	0.00%	0	72						
Oct-01	0.00%	0	114						
Nov-01	0.00%	0	254						
Dec-01	0.00%	0	197						
Jan-02	0.00%	0	229						
Feb-02	0.00%	0	230						
Mar-02	0.00%	0	258						
Apr-02	0.00%	0	120						

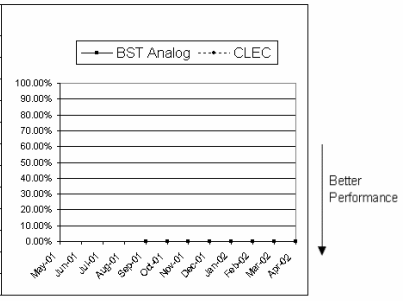


Note 1: Retail Digital Loop >= DS1 data serves as the BST Analog for this report

Chart B.2.19.19.2.2 - April 2002 – 4.0 System Output (Official Results)

B.2.19.19.2.2 Digital Loop >= DS1/>=10 circuits/Non-Dispatch/GA (%)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
May-01									
Jun-01									
Jul-01									
Aug-01									
Sep-01	0.00%	0	72						
Oct-01	0.00%	0	114						
Nov-01	0.00%	0	254						
Dec-01	0.00%	0	197						
Jan-02	0.00%	0	229						
Feb-02	0.00%	0	230						
Mar-02	0.00%	0	258						
Apr-02	0.00%	0	94						



Note 1: Retail Digital Loop >= DS1 data serves as the BST Analog for this report

Difference Quantification - April

Volume: PMAP 2.6 picked up 197 records. PMAP 4.0 picked up 197 records.

No Difference

Numerator: PMAP 2.6 picked up 15 records. PMAP 4.0 picked up 30 records.

PMAP 4.0 picked up 15 records more compared to PMAP 2.6

Difference Explanation - April

Numerator:

The 15 service order difference is because of the common business rule change discussed at the beginning of this section.

Difference Quantification - March

Volume:	PMAP 2.6 picked up 218 records. PMAP 4.0 picked up 218 records.
	No Difference
Numerator:	PMAP 2.6 picked up 17 records. PMAP 4.0 picked up 39 records.
	PMAP 4.0 picked up 22 records more compared to PMAP 2.6

Difference Explanation - March

Numerator:

The 22 service order difference is because of the common business rule change discussed at the beginning of this section.

Maintenance and Repair (M&R) Subject Area

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Retail Volumes for all measures

Purpose of this section

The analysis work for the M&R products requested is identical across all measures, and is presented here in consolidated form. Each Measurement/Product Section only contains the reference data (charts) applicable.

Difference Quantification

April Data Analysis – Trouble Tickets

PMAP 2.6 Record Count (Dispatch and Non-Dispatch)	10,157
• Excluding all ISPs other than BellSouth.net.	(3,539)
• State Shift – from GA to AL	(32)
• State Shift – from GA to SC	(69)
• State Shift – from TN to GA	15
• Reclassified product from Design in 2.6 to ADSL in 4.0	203
PMAP 4.0 Record Count (Dispatch and Non-Dispatch)	6,735

March Data Analysis – Trouble Tickets

PMAP 2.6 Record Count (Dispatch and Non-Dispatch)	5,875
• Excluding all ISPs other than BellSouth.net.	(1,991)
• State Shift – from GA to AL	(24)
• State Shift – from GA to SC	(17)
• State Shift – from TN to GA	15
• Reclassified product from Design in 2.6 to ADSL in 4.0	143
PMAP 4.0 Record Count (Dispatch and Non-Dispatch)	4,001

April Data Analysis – Line Counts

PMAP 2.6 Record Count (Dispatch and Non-Dispatch)	186,162
• Excluding all ISPs other than BellSouth.net.	(57,690)
• IP – (Pending Changes) records included in	14,218

4.0.	
• State Shift – from GA to SC	(989)
• State Shift – from GA to AL	(635)
• State Shift – from TN to GA	523
• Reclassified product from Design in 2.6 to ADSL in 4.0	294
PMAP 4.0 Record Count (Dispatch and Non-Dispatch)	141,883

March Data Analysis – Line Counts

PMAP 2.6 Record Count (Dispatch and Non-Dispatch)	173,345
• Excluding all ISPs other than BellSouth.net.	(52,216)
• IP – (Pending Changes) records included in 4.0.	14,413
• State Shift – from GA to SC	(876)
• State Shift – from GA to AL	(597)
• State Shift – from TN to GA	495
• Reclassified product from Design in 2.6 to ADSL in 4.0	288
PMAP 4.0 Record Count (Dispatch and Non-Dispatch)	134,852

Difference Explanation

The following information applies to both March and April data sets.

1. Improved product identification routines in PMAP 4.0 identify products at a much more granular level. For ADSL records in the Maintenance and Repair subject area PMAP 4.0 only counts retail records that are assigned to a BellSouth.Net account. PMAP 4.0 excludes all ISPs other than BellSouth.net. PMAP 2.6 included other ISPS like AOL, Mindspring, etc.
2. The difference in the state codes shifts is due to the improved methodology 4.0 uses to assign states. PMAP 4.0 uses the Switch NPA NXX to get the state code while PMAP 2.6 used the MSA code from the wire center to get the state code. This results in some wire centers being identified with different state codes in PMAP 4.0 than what they were in PMAP 2.6.

3. In PMAP 2.6 these tickets were not assigned as ADSL records because the Class of Service USOC was incorrect. PMAP 4.0 does not use the Class of Service USOC to identity ADSL records. PMAP 4.0 uses the Maintenance Center Code of 'DSG' to identify ADSL records.
4. PMAP 4.0 in for service lines includes in its counts circuits with a work order status code of 'IP' or pending service orders changes. PMAP 2.6 did not include these records in the counts.

Missed Repair Appointments

SQM Measure Reference: M&R-1

SQM Measure Description:

The Missed Repair Appointments measure is intended to analyze the percent of trouble reports not cleared by the committed date and time to a CLEC.

xDSL (ADSL, HDSL and UCL)

March Research Data

Chart Reference(s): B.3.1.5.1

B.3.1.5.2

April Research Data

Chart Reference(s): B.3.1.5.1

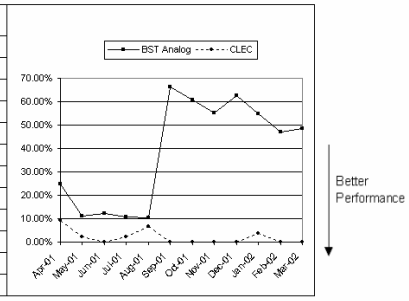
B.3.1.5.2

Chart Reference

Chart B.3.1.5.1 - March 2002 – 2.6 System Output (Official Results)

B.3.1.5.1 xDSL (ADSL, HDSL and UCL)/Dispatch/GA (%)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
Apr-01	24.74%	306	1,237	9.26%	5	54		2.5805	YES
May-01	11.27%	122	1,083	2.13%	1	47		1.9397	YES
Jun-01	12.41%	134	1,080	0.00%	0	47		2.5258	YES
Jul-01	10.72%	106	989	2.22%	1	45		1.8018	YES
Aug-01	10.44%	142	1,360	6.52%	3	46		0.8550	YES
Sep-01	66.31%	614	926	0.00%	0	30		7.5621	YES
Oct-01	60.88%	610	1,002	0.00%	0	34		7.1534	YES
Nov-01	55.24%	569	1,030	0.00%	0	27		5.6986	YES
Dec-01	62.58%	935	1,494	0.00%	0	38		7.8730	YES
Jan-02	54.86%	970	1,768	3.70%	1	27		5.3018	YES
Feb-02	46.94%	760	1,619	0.00%	0	29		5.0206	YES
Mar-02	48.67%	968	1,989	0.00%	0	26		4.9328	YES

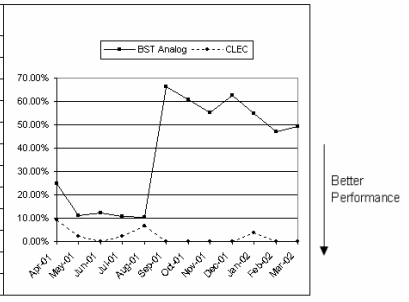


Note 1: ADSL Provided to Retail data serves as the BST Analog for this report

Chart B.3.1.5.1 - March 2002 – 4.0 System Output (Non-Official Results)

B.3.1.5.1 xDSL (ADSL, HDSL and UCL)/Dispatch/GA (%)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
Apr-01	24.74%	306	1,237	9.26%	5	54		2.5805	YES
May-01	11.27%	122	1,083	2.13%	1	47		1.9397	YES
Jun-01	12.41%	134	1,080	0.00%	0	47		2.5258	YES
Jul-01	10.72%	106	989	2.22%	1	45		1.8018	YES
Aug-01	10.44%	142	1,360	6.52%	3	46		0.8550	YES
Sep-01	66.31%	614	926	0.00%	0	30		7.5621	YES
Oct-01	60.88%	610	1,002	0.00%	0	34		7.1534	YES
Nov-01	55.24%	569	1,030	0.00%	0	27		5.6986	YES
Dec-01	62.58%	935	1,494	0.00%	0	38		7.8730	YES
Jan-02	54.86%	970	1,768	3.70%	1	27		5.3018	YES
Feb-02	46.94%	760	1,619	0.00%	0	29		5.0206	YES
Mar-02	49.12%	588	1,197	0.00%	0	22		4.5671	YES

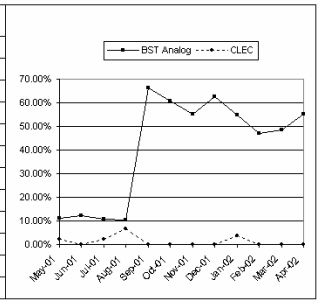


Note 1: ADSL Provided to Retail data serves as the BST Analog for this report
Note 2: ATTORNEY-CLIENT PRIVILEGED DOCUMENT. PREPARED IN ANTICIPATION OF LITIGATION.

Chart B.3.1.5.1 - April 2002 – 2.6 System Output (Non-Official Results)

B.3.1.5.1 xDSL (ADSL, HDSL and UCL)/Dispatch/GA (%)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
May-01	11.27%	122	1,083	2.13%	1	47		1.9397	YES
Jun-01	12.41%	134	1,080	0.00%	0	47		2.5258	YES
Jul-01	10.72%	106	989	2.22%	1	45		1.8018	YES
Aug-01	10.44%	142	1,360	6.52%	3	46		0.8550	YES
Sep-01	66.31%	614	926	0.00%	0	30		7.5621	YES
Oct-01	60.88%	610	1,002	0.00%	0	34		7.1534	YES
Nov-01	55.24%	569	1,030	0.00%	0	27		5.6986	YES
Dec-01	62.58%	935	1,494	0.00%	0	38		7.8730	YES
Jan-02	54.86%	970	1,768	3.70%	1	27		5.3018	YES
Feb-02	46.94%	760	1,619	0.00%	0	29		5.0206	YES
Mar-02	48.67%	968	1,989	0.00%	0	26		4.9328	YES
Apr-02	55.18%	1,794	3,251	0.00%	0	37		6.7116	YES

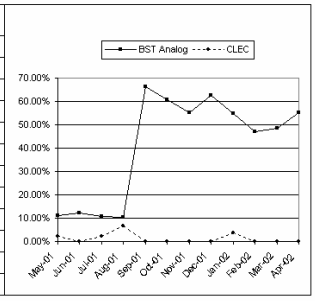


Note 1: ADSL Provided to Retail data serves as the BST Analog for this report

Chart B.3.1.5.1 - April 2002 – 4.0 System Output (Official Results)

B.3.1.5.1 xDSL (ADSL, HDSL and UCL)/Dispatch/GA (%)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
May-01	11.27%	122	1,083	2.13%	1	47		1.9397	YES
Jun-01	12.41%	134	1,080	0.00%	0	47		2.5258	YES
Jul-01	10.72%	106	989	2.22%	1	45		1.8018	YES
Aug-01	10.44%	142	1,360	6.52%	3	46		0.8550	YES
Sep-01	66.31%	614	926	0.00%	0	30		7.5621	YES
Oct-01	60.88%	610	1,002	0.00%	0	34		7.1534	YES
Nov-01	55.24%	569	1,030	0.00%	0	27		5.6986	YES
Dec-01	62.58%	935	1,494	0.00%	0	38		7.8730	YES
Jan-02	54.86%	970	1,768	3.70%	1	27		5.3018	YES
Feb-02	46.94%	760	1,619	0.00%	0	29		5.0206	YES
Mar-02	48.67%	968	1,989	0.00%	0	26		4.9328	YES
Apr-02	55.07%	1,027	1,865	0.00%	0	36		6.5790	YES

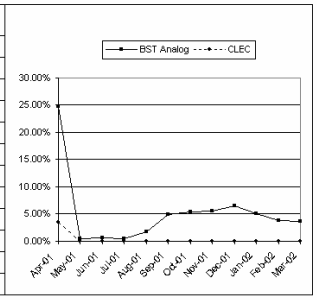


Note 1: ADSL Provided to Retail data serves as the BST Analog for this report

Chart B.3.1.5.2 - March 2002 – 2.6 System Output (Official Results)

B.3.1.5.2 xDSL (ADSL, HDSL and UCL)/Non-Dispatch/GA (%)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
Apr-01	24.74%	306	1,237	3.45%	1	29		2.6264	YES
May-01	0.54%	1	185	0.00%	0	41		0.4271	YES
Jun-01	0.63%	1	160	0.00%	0	40		0.4486	YES
Jul-01	0.43%	1	233	0.00%	0	36		0.3666	YES
Aug-01	1.79%	3	168	0.00%	0	27		0.6503	YES
Sep-01	4.90%	125	2,549	0.00%	0	18		0.9601	YES
Oct-01	5.47%	182	3,328	0.00%	0	21		1.0988	YES
Nov-01	5.58%	152	2,726	0.00%	0	10		0.7670	YES
Dec-01	6.43%	151	2,348	0.00%	0	27		1.3545	YES
Jan-02	5.12%	140	2,735	0.00%	0	21		1.0603	YES
Feb-02	3.83%	86	2,243	0.00%	0	20		0.8890	YES
Mar-02	3.58%	139	3,886	0.00%	0	24		0.9407	YES

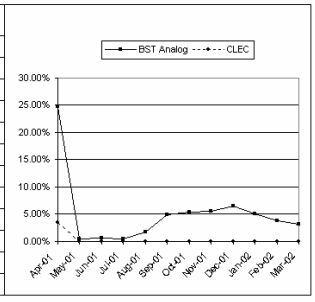


Note 1: ADSL Provided to Retail data serves as the BST Analog for this report

Chart B.3.1.5.2 - March 2002 – 4.0 System Output (Non-Official Results)

B.3.1.5.2 xDSL (ADSL, HDSL and UCL)/Non-Dispatch/GA (%)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
Apr-01	24.74%	306	1,237	3.45%	1	29		2.6264	YES
May-01	0.54%	1	185	0.00%	0	41		0.4271	YES
Jun-01	0.63%	1	160	0.00%	0	40		0.4486	YES
Jul-01	0.43%	1	233	0.00%	0	36		0.3666	YES
Aug-01	1.79%	3	168	0.00%	0	27		0.6503	YES
Sep-01	4.90%	125	2,549	0.00%	0	18		0.9601	YES
Oct-01	5.47%	182	3,328	0.00%	0	21		1.0988	YES
Nov-01	5.58%	152	2,726	0.00%	0	10		0.7670	YES
Dec-01	6.43%	151	2,348	0.00%	0	27		1.3545	YES
Jan-02	5.12%	140	2,735	0.00%	0	21		1.0603	YES
Feb-02	3.83%	86	2,243	0.00%	0	20		0.8890	YES
Mar-02	3.25%	91	2,804	0.00%	0	24		0.8934	YES

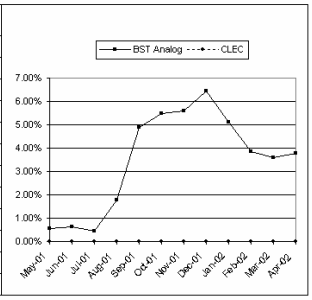


Note 1: ADSL Provided to Retail data serves as the BST Analog for this report
Note 2: ATTORNEY-CLIENT PRIVILEGED DOCUMENT. PREPARED IN ANTICIPATION OF LITIGATION.

Chart B.3.1.5.2 - April 2002 – 2.6 System Output (Non-Official Results)

B.3.1.5.2 xDSL (ADSL, HDSL and UCL)/Non-Dispatch/GA (%)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
May-01	0.54%	1	185	0.00%	0	41		0.4271	YES
Jun-01	0.63%	1	160	0.00%	0	40		0.4486	YES
Jul-01	0.43%	1	233	0.00%	0	36		0.3666	YES
Aug-01	1.79%	3	168	0.00%	0	27		0.6503	YES
Sep-01	4.90%	125	2,549	0.00%	0	18		0.9601	YES
Oct-01	5.47%	182	3,328	0.00%	0	21		1.0988	YES
Nov-01	5.58%	152	2,726	0.00%	0	10		0.7670	YES
Dec-01	6.43%	151	2,348	0.00%	0	27		1.3545	YES
Jan-02	5.12%	140	2,735	0.00%	0	21		1.0603	YES
Feb-02	3.83%	86	2,243	0.00%	0	20		0.8890	YES
Mar-02	3.58%	139	3,886	0.00%	0	24		0.9407	YES
Apr-02	3.78%	261	6,906	0.00%	0	17		0.8161	YES

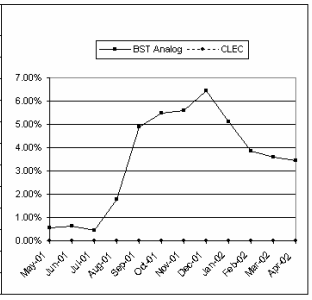


Note 1: ADSL Provided to Retail data serves as the BST Analog for this report

Chart B.3.1.5.2 - April 2002 – 4.0 System Output (Official Results)

B.3.1.5.2 xDSL (ADSL, HDSL and UCL)/Non-Dispatch/GA (%)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
May-01	0.54%	1	185	0.00%	0	41		0.4271	YES
Jun-01	0.63%	1	160	0.00%	0	40		0.4486	YES
Jul-01	0.43%	1	233	0.00%	0	36		0.3666	YES
Aug-01	1.79%	3	168	0.00%	0	27		0.6503	YES
Sep-01	4.90%	125	2,549	0.00%	0	18		0.9601	YES
Oct-01	5.47%	182	3,328	0.00%	0	21		1.0988	YES
Nov-01	5.58%	152	2,726	0.00%	0	10		0.7670	YES
Dec-01	6.43%	151	2,348	0.00%	0	27		1.3545	YES
Jan-02	5.12%	140	2,735	0.00%	0	21		1.0603	YES
Feb-02	3.83%	86	2,243	0.00%	0	20		0.8890	YES
Mar-02	3.58%	139	3,886	0.00%	0	24		0.9407	YES
Apr-02	3.45%	168	4,870	0.00%	0	17		0.7780	YES



Note 1: ADSL Provided to Retail data serves as the BST Analog for this report

Line Sharing

March Research Data

Chart Reference(s): B.3.1.7.1

B.3.1.7.2

April Research Data

Chart Reference(s): B.3.1.7.1

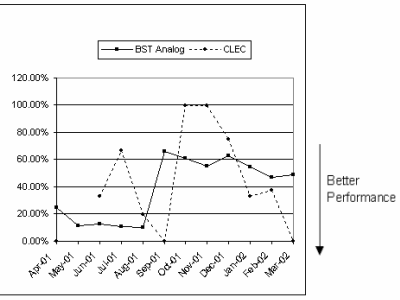
B.3.1.7.2

Chart Reference

Chart B.3.1.7.1 - March 2002 – 2.6 System Output (Official Results)

B.3.1.7.1 Line Sharing/Dispatch/GA (%)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
Apr-01	24.74%	306	1,237	0.00%	0	1		0.5731	YES
May-01	11.27%	122	1,083						
Jun-01	12.41%	134	1,080	33.33%	2	6		-1.5505	YES
Jul-01	10.72%	106	989	66.67%	2	3		-3.1279	NO
Aug-01	10.44%	142	1,360	20.00%	1	5		-0.6977	YES
Sep-01	66.31%	614	926	0.00%	0	2		1.9818	YES
Oct-01	60.88%	610	1,002	100.00%	1	1		-0.8012	YES
Nov-01	55.24%	569	1,030	100.00%	2	2		-1.2717	YES
Dec-01	62.58%	935	1,494	75.00%	3	4		-0.5125	YES
Jan-02	54.86%	970	1,768	33.33%	2	6		1.0580	YES
Feb-02	46.94%	760	1,619	37.50%	3	8		0.5338	YES
Mar-02	48.67%	968	1,989	0.00%	0	6		2.3815	YES

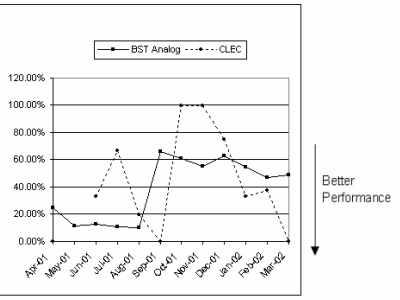


Note 1: ADSL Provided to Retail data serves as the BST Analog for this report

Chart B.3.1.7.1 - March 2002 – 4.0 System Output (Non-Official Results)

B.3.1.7.1 Line Sharing/Dispatch/GA (%)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
Apr-01	24.74%	306	1,237	0.00%	0	1		0.5731	YES
May-01	11.27%	122	1,083						
Jun-01	12.41%	134	1,080	33.33%	2	6		-1.5505	YES
Jul-01	10.72%	106	989	66.67%	2	3		-3.1279	NO
Aug-01	10.44%	142	1,360	20.00%	1	5		-0.6977	YES
Sep-01	66.31%	614	926	0.00%	0	2		1.9818	YES
Oct-01	60.88%	610	1,002	100.00%	1	1		-0.8012	YES
Nov-01	55.24%	569	1,030	100.00%	2	2		-1.2717	YES
Dec-01	62.58%	935	1,494	75.00%	3	4		-0.5125	YES
Jan-02	54.86%	970	1,768	33.33%	2	6		1.0580	YES
Feb-02	46.94%	760	1,619	37.50%	3	8		0.5338	YES
Mar-02	49.12%	588	1,197	0.00%	0	6		2.4009	YES

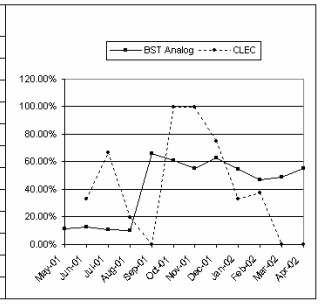


Note 1: ADSL Provided to Retail data serves as the BST Analog for this report
Note 2: ATTORNEY-CLIENT PRIVILEGED DOCUMENT. PREPARED IN ANTICIPATION OF LITIGATION.

Chart B.3.1.7.1 - April 2002 – 2.6 System Output (Non-Official Results)

B.3.1.7.1 Line Sharing/Dispatch/GA (%)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
May-01	11.27%	122	1,083						
Jun-01	12.41%	134	1,080	33.33%	2	6		-1.5505	YES
Jul-01	10.72%	106	989	66.67%	2	3		-3.1279	NO
Aug-01	10.44%	142	1,360	20.00%	1	5		-0.6977	YES
Sep-01	66.31%	614	926	0.00%	0	2		1.9818	YES
Oct-01	60.88%	610	1,002	100.00%	1	1		-0.8012	YES
Nov-01	55.24%	569	1,030	100.00%	2	2		-1.2717	YES
Dec-01	62.58%	935	1,494	75.00%	3	4		-0.5125	YES
Jan-02	54.86%	970	1,768	33.33%	2	6		1.0580	YES
Feb-02	46.94%	760	1,619	37.50%	3	8		0.5338	YES
Mar-02	48.67%	968	1,989	0.00%	0	6		2.3815	YES
Apr-02	55.18%	1,794	3,251	0.00%	0	10		3.5036	YES

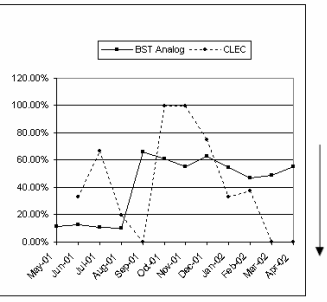


Note 1: ADSL Provided to Retail data serves as the BST Analog for this report

Chart B.3.1.7.1 - April 2002 – 4.0 System Output (Official Results)

B.3.1.7.1 Line Sharing/Dispatch/GA (%)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
May-01	11.27%	122	1,083						
Jun-01	12.41%	134	1,080	33.33%	2	6		-1.5505	YES
Jul-01	10.72%	106	989	66.67%	2	3		-3.1279	NO
Aug-01	10.44%	142	1,360	20.00%	1	5		-0.6977	YES
Sep-01	66.31%	614	926	0.00%	0	2		1.9818	YES
Oct-01	60.88%	610	1,002	100.00%	1	1		-0.8012	YES
Nov-01	55.24%	569	1,030	100.00%	2	2		-1.2717	YES
Dec-01	62.58%	935	1,494	75.00%	3	4		-0.5125	YES
Jan-02	54.86%	970	1,768	33.33%	2	6		1.0580	YES
Feb-02	46.94%	760	1,619	37.50%	3	8		0.5338	YES
Mar-02	48.67%	968	1,989	0.00%	0	6		2.3815	YES
Apr-02	55.07%	1,027	1,865	0.00%	0	11		3.6609	YES

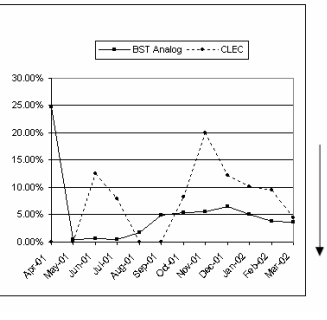


Note 1: ADSL Provided to Retail data serves as the BST Analog for this report

Chart B.3.1.7.2 - March 2002 – 2.6 System Output (Official Results)

B.3.1.7.2 Line Sharing/Non-Dispatch/GA (%)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
Apr-01	24.74%	306	1,237	0.00%	0	12		1.9766	YES
May-01	0.54%	1	185	0.00%	0	9		0.2160	YES
Jun-01	0.63%	1	160	12.50%	4	32		-7.7811	NO
Jul-01	0.43%	1	233	8.00%	4	50		-7.4306	NO
Aug-01	1.79%	3	168	0.00%	0	22		0.5947	YES
Sep-01	4.90%	125	2,549	0.00%	0	12		0.7848	YES
Oct-01	5.47%	182	3,328	8.33%	1	12		-0.4357	YES
Nov-01	5.58%	152	2,726	20.00%	1	5		-1.4043	YES
Dec-01	6.43%	151	2,348	12.20%	5	41		-1.4916	YES
Jan-02	5.12%	140	2,735	10.20%	5	49		-1.6010	YES
Feb-02	3.83%	86	2,243	9.52%	4	42		-1.9026	NO
Mar-02	3.58%	139	3,886	4.44%	2	45		-0.3116	YES

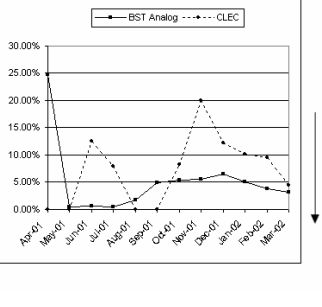


Note 1: ADSL Provided to Retail data serves as the BST Analog for this report

Chart B.3.1.7.2 - March 2002 – 4.0 System Output (Non-Official Results)

B.3.1.7.2 Line Sharing/Non-Dispatch/GA (%)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
Apr-01	24.74%	306	1,237	0.00%	0	12		1.9766	YES
May-01	0.54%	1	185	0.00%	0	9		0.2160	YES
Jun-01	0.63%	1	160	12.50%	4	32		-7.7811	NO
Jul-01	0.43%	1	233	8.00%	4	50		-7.4306	NO
Aug-01	1.79%	3	168	0.00%	0	22		0.5947	YES
Sep-01	4.90%	125	2,549	0.00%	0	12		0.7848	YES
Oct-01	5.47%	182	3,328	8.33%	1	12		-0.4357	YES
Nov-01	5.58%	152	2,726	20.00%	1	5		-1.4043	YES
Dec-01	6.43%	151	2,348	12.20%	5	41		-1.4916	YES
Jan-02	5.12%	140	2,735	10.20%	5	49		-1.6010	YES
Feb-02	3.83%	86	2,243	9.52%	4	42		-1.9026	NO
Mar-02	3.25%	91	2,804	4.44%	2	45		-0.4503	YES

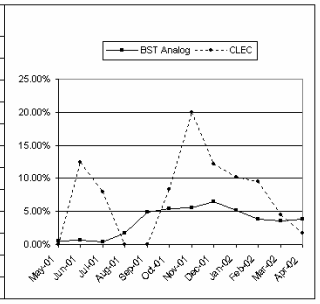


Note 1: ADSL Provided to Retail data serves as the BST Analog for this report
Note 2: ATTORNEY-CLIENT PRIVILEGED DOCUMENT. PREPARED IN ANTICIPATION OF LITIGATION.

Chart B.3.1.7.2 - April 2002 – 2.6 System Output (Non-Official Results)

B.3.1.7.2 Line Sharing/Non-Dispatch/GA (%)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
May-01	0.54%	1	185	0.00%	0	9		0.2160	YES
Jun-01	0.63%	1	160	12.50%	4	32		-7.7811	NO
Jul-01	0.43%	1	233	8.00%	4	50		-7.4306	NO
Aug-01	1.79%	3	168	0.00%	0	22		0.5947	YES
Sep-01	4.90%	125	2,549	0.00%	0	12		0.7848	YES
Oct-01	5.47%	182	3,328	8.33%	1	12		-0.4357	YES
Nov-01	5.58%	152	2,726	20.00%	1	5		-1.4043	YES
Dec-01	6.43%	151	2,348	12.20%	5	41		-1.4916	YES
Jan-02	5.12%	140	2,735	10.20%	5	49		-1.6010	YES
Feb-02	3.83%	86	2,243	9.52%	4	42		-1.9026	NO
Mar-02	3.58%	139	3,886	4.44%	2	45		-0.3116	YES
Apr-02	3.78%	261	6,906	1.69%	1	59		0.8360	YES

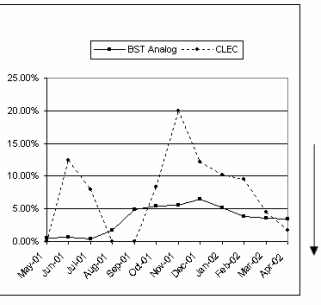


Note 1: ADSL Provided to Retail data serves as the BST Analog for this report

Chart B.3.1.7.2 - April 2002 – 4.0 System Output (Official Results)

B.3.1.7.2 Line Sharing/Non-Dispatch/GA (%)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
May-01	0.54%	1	185	0.00%	0	9		0.2160	YES
Jun-01	0.63%	1	160	12.50%	4	32		-7.7811	NO
Jul-01	0.43%	1	233	8.00%	4	50		-7.4306	NO
Aug-01	1.79%	3	168	0.00%	0	22		0.5947	YES
Sep-01	4.90%	125	2,549	0.00%	0	12		0.7848	YES
Oct-01	5.47%	182	3,328	8.33%	1	12		-0.4357	YES
Nov-01	5.58%	152	2,726	20.00%	1	5		-1.4043	YES
Dec-01	6.43%	151	2,348	12.20%	5	41		-1.4916	YES
Jan-02	5.12%	140	2,735	10.20%	5	49		-1.6010	YES
Feb-02	3.83%	86	2,243	9.52%	4	42		-1.9026	NO
Mar-02	3.58%	139	3,886	4.44%	2	45		-0.3116	YES
Apr-02	3.45%	168	4,870	1.69%	1	59		0.7341	YES



Note 1: ADSL Provided to Retail data serves as the BST Analog for this report

Customer Trouble Report Rate

SQM Measure Reference: M&R-2

SQM Measure Description:

The Customer Trouble Report Rate measure is intended to analyze the percent of initial and repeated customer direct or referred troubles reported within a calendar month per 100 lines/circuits in service to a CLEC

xDSL (ADSL, HDSL, and UCL)

March Research Data

Chart Reference(s): B.3.2.5.1

B.3.2.5.2

April Research Data

Chart Reference(s): B.3.2.5.1

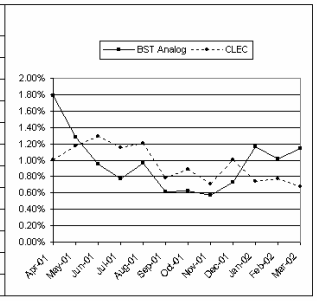
B.3.2.5.2

Chart Reference

Chart B.3.2.5.1 - March 2002 – 2.6 System Output (Official Results)

B.3.2.5.1 xDSL (ADSL, HDSL and UCL)/Dispatch/GA (%)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
Apr-01	1.79%	1,236	69,035	1.01%	54	5,341		4.1049	YES
May-01	1.28%	1,081	84,423	1.17%	47	4,007		0.5852	YES
Jun-01	0.95%	1,080	113,969	1.29%	47	3,651		-2.0755	NO
Jul-01	0.77%	989	128,777	1.16%	45	3,889		-2.7281	NO
Aug-01	0.97%	1,360	140,838	1.21%	46	3,809		-1.4999	YES
Sep-01	0.62%	926	149,774	0.79%	30	3,819		-1.2983	YES
Oct-01	0.63%	1,002	160,143	0.89%	34	3,830		-2.0261	NO
Nov-01	0.57%	1,030	179,704	0.71%	27	3,827		-1.0701	YES
Dec-01	0.73%	1,494	205,719	1.00%	38	3,784		-1.9885	NO
Jan-02	1.17%	1,768	151,223	0.74%	27	3,651		2.3723	YES
Feb-02	1.01%	1,619	159,592	0.77%	29	3,773		1.4819	YES
Mar-02	1.15%	1,989	173,345	0.68%	26	3,810		2.6506	YES

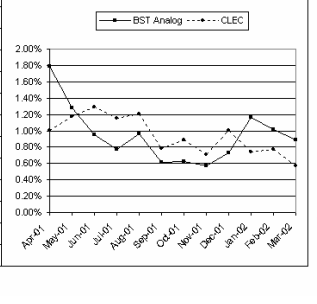


Note 1: ADSL Provided to Retail data serves as the BST Analog for this report

Chart B.3.2.5.1 - March 2002 – 4.0 System Output (Non-Official Results)

B.3.2.5.1 xDSL (ADSL, HDSL and UCL)/Dispatch/GA (%)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
Apr-01	1.79%	1,236	69,035	1.01%	54	5,341		4.1049	YES
May-01	1.28%	1,081	84,423	1.17%	47	4,007		0.5852	YES
Jun-01	0.95%	1,080	113,969	1.29%	47	3,651		-2.0755	NO
Jul-01	0.77%	989	128,777	1.16%	45	3,889		-2.7281	NO
Aug-01	0.97%	1,360	140,838	1.21%	46	3,809		-1.4999	YES
Sep-01	0.62%	926	149,774	0.79%	30	3,819		-1.2983	YES
Oct-01	0.63%	1,002	160,143	0.89%	34	3,830		-2.0261	NO
Nov-01	0.57%	1,030	179,704	0.71%	27	3,827		-1.0701	YES
Dec-01	0.73%	1,494	205,719	1.00%	38	3,784		-1.9885	NO
Jan-02	1.17%	1,768	151,223	0.74%	27	3,651		2.3723	YES
Feb-02	1.01%	1,619	159,592	0.77%	29	3,773		1.4819	YES
Mar-02	0.89%	1,197	134,852	0.58%	22	3,818		2.0141	YES

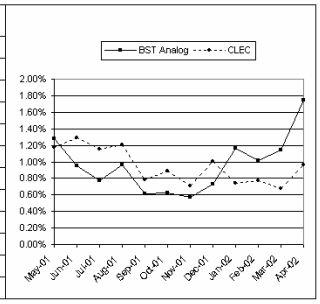


Note 1: ADSL Provided to Retail data serves as the BST Analog for this report
Note 2: ATTORNEY-CLIENT PRIVILEGED DOCUMENT. PREPARED IN ANTICIPATION OF LITIGATION.

Chart B.3.2.5.1 - April 2002 – 2.6 System Output (Non-Official Results)

B.3.2.5.1 xDSL (ADSL, HDSL and UCL)/Dispatch/GA (%)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
May-01	1.28%	1,081	84,423	1.17%	47	4,007		0.5852	YES
Jun-01	0.95%	1,080	113,969	1.29%	47	3,651		-2.0755	NO
Jul-01	0.77%	989	128,777	1.16%	45	3,889		-2.7281	NO
Aug-01	0.97%	1,360	140,838	1.21%	46	3,809		-1.4999	YES
Sep-01	0.62%	926	149,774	0.79%	30	3,819		-1.2983	YES
Oct-01	0.63%	1,002	160,143	0.89%	34	3,830		-2.0261	NO
Nov-01	0.57%	1,030	179,704	0.71%	27	3,827		-1.0701	YES
Dec-01	0.73%	1,494	205,719	1.00%	38	3,784		-1.9885	NO
Jan-02	1.17%	1,768	151,223	0.74%	27	3,651		2.3723	YES
Feb-02	1.01%	1,619	159,592	0.77%	29	3,773		1.4819	YES
Mar-02	1.15%	1,989	173,345	0.68%	26	3,810		2.6506	YES
Apr-02	1.75%	3,251	186,162	0.96%	37	3,843		3.6383	YES

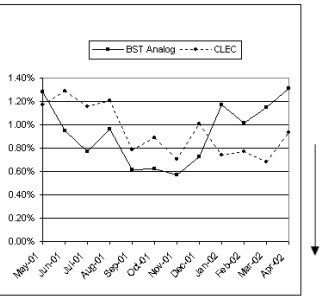


Note 1: ADSL Provided to Retail data serves as the BST Analog for this report

Chart B.3.2.5.1 - April 2002 – 4.0 System Output (Official Results)

B.3.2.5.1 xDSL (ADSL, HDSL and UCL)/Dispatch/GA (%)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
May-01	1.28%	1,081	84,423	1.17%	47	4,007		0.5852	YES
Jun-01	0.95%	1,080	113,969	1.29%	47	3,651		-2.0755	NO
Jul-01	0.77%	989	128,777	1.16%	45	3,889		-2.7281	NO
Aug-01	0.97%	1,360	140,838	1.21%	46	3,809		-1.4999	YES
Sep-01	0.62%	926	149,774	0.79%	30	3,819		-1.2983	YES
Oct-01	0.63%	1,002	160,143	0.89%	34	3,830		-2.0261	NO
Nov-01	0.57%	1,030	179,704	0.71%	27	3,827		-1.0701	YES
Dec-01	0.73%	1,494	205,719	1.00%	38	3,784		-1.9885	NO
Jan-02	1.17%	1,768	151,223	0.74%	27	3,651		2.3723	YES
Feb-02	1.01%	1,619	159,592	0.77%	29	3,773		1.4819	YES
Mar-02	1.15%	1,989	173,345	0.68%	26	3,810		2.6506	YES
Apr-02	1.31%	1,865	141,883	0.94%	36	3,843		2.0151	YES

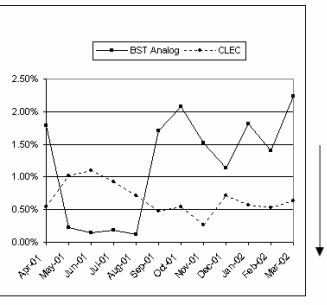


Note 1: ADSL Provided to Retail data serves as the BST Analog for this report

Chart B.3.2.5.2 - March 2002 – 2.6 System Output (Official Results)

B.3.2.5.2 xDSL (ADSL, HDSL and UCL)/Non-Dispatch/GA (%)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
Apr-01	1.79%	1,236	69,035	0.54%	29	5,341		6.5783	YES
May-01	0.22%	186	84,423	1.02%	41	4,007		-10.5915	NO
Jun-01	0.14%	160	113,969	1.10%	40	3,651		-15.1631	NO
Jul-01	0.18%	233	128,777	0.93%	36	3,889		-10.7575	NO
Aug-01	0.12%	168	140,838	0.71%	27	3,809		-10.3955	NO
Sep-01	1.70%	2,549	149,774	0.47%	18	3,819		5.7563	YES
Oct-01	2.08%	3,328	160,143	0.55%	21	3,830		6.4905	YES
Nov-01	1.52%	2,726	179,704	0.26%	10	3,827		6.2407	YES
Dec-01	1.14%	2,348	205,719	0.71%	27	3,784		2.4411	YES
Jan-02	1.81%	2,735	151,223	0.58%	21	3,651		5.4760	YES
Feb-02	1.41%	2,243	159,592	0.53%	20	3,773		4.4829	YES
Mar-02	2.24%	3,886	173,345	0.63%	24	3,810		6.5731	YES

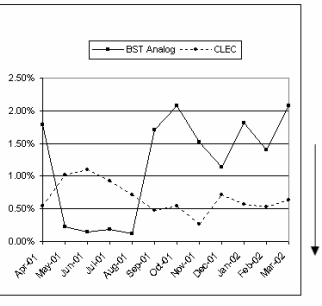


Note 1: ADSL Provided to Retail data serves as the BST Analog for this report

Chart B.3.2.5.2 - March 2002 – 4.0 System Output (Non-Official Results)

B.3.2.5.2 xDSL (ADSL, HDSL and UCL)/Non-Dispatch/GA (%)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
Apr-01	1.79%	1,236	69,035	0.54%	29	5,341		6.5783	YES
May-01	0.22%	186	84,423	1.02%	41	4,007		-10.5915	NO
Jun-01	0.14%	160	113,969	1.10%	40	3,651		-15.1631	NO
Jul-01	0.18%	233	128,777	0.93%	36	3,889		-10.7575	NO
Aug-01	0.12%	168	140,838	0.71%	27	3,809		-10.3955	NO
Sep-01	1.70%	2,549	149,774	0.47%	18	3,819		5.7563	YES
Oct-01	2.08%	3,328	160,143	0.55%	21	3,830		6.4905	YES
Nov-01	1.52%	2,726	179,704	0.26%	10	3,827		6.2407	YES
Dec-01	1.14%	2,348	205,719	0.71%	27	3,784		2.4411	YES
Jan-02	1.81%	2,735	151,223	0.58%	21	3,651		5.4760	YES
Feb-02	1.41%	2,243	159,592	0.53%	20	3,773		4.4829	YES
Mar-02	2.08%	2,804	134,852	0.63%	24	3,818		6.1302	YES

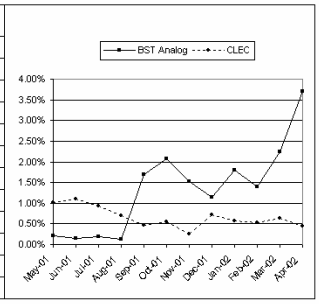


Note 1: ADSL Provided to Retail data serves as the BST Analog for this report
Note 2: ATTORNEY-CLIENT PRIVILEGED DOCUMENT. PREPARED IN ANTICIPATION OF LITIGATION.

Chart B.3.2.5.2 - April 2002 – 2.6 System Output (Non-Official Results)

B.3.2.5.2 xDSL (ADSL, HDSL and UCL)/Non-Dispatch/GA (%)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
May-01	0.22%	186	84,423	1.02%	41	4,007		-10.5915	NO
Jun-01	0.14%	160	113,969	1.10%	40	3,651		-15.1631	NO
Jul-01	0.18%	233	128,777	0.93%	36	3,889		-10.7575	NO
Aug-01	0.12%	168	140,838	0.71%	27	3,809		-10.3955	NO
Sep-01	1.70%	2,549	149,774	0.47%	18	3,819		5.7563	YES
Oct-01	2.08%	3,328	160,143	0.55%	21	3,830		6.4905	YES
Nov-01	1.52%	2,726	179,704	0.26%	10	3,827		6.2407	YES
Dec-01	1.14%	2,348	205,719	0.71%	27	3,784		2.4411	YES
Jan-02	1.81%	2,735	151,223	0.58%	21	3,651		5.4760	YES
Feb-02	1.41%	2,243	159,592	0.53%	20	3,773		4.4829	YES
Mar-02	2.24%	3,886	173,345	0.63%	24	3,810		6.5731	YES
Apr-02	3.71%	6,906	186,162	0.44%	17	3,843		10.4093	YES

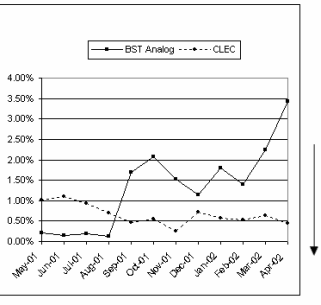


Note 1: ADSL Provided to Retail data serves as the BST Analog for this report

Chart B.3.2.5.2 - April 2002 – 4.0 System Output (Official Results)

B.3.2.5.2 xDSL (ADSL, HDSL and UCL)/Non-Dispatch/GA (%)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
May-01	0.22%	186	84,423	1.02%	41	4,007		-10.5915	NO
Jun-01	0.14%	160	113,969	1.10%	40	3,651		-15.1631	NO
Jul-01	0.18%	233	128,777	0.93%	36	3,889		-10.7575	NO
Aug-01	0.12%	168	140,838	0.71%	27	3,809		-10.3955	NO
Sep-01	1.70%	2,549	149,774	0.47%	18	3,819		5.7563	YES
Oct-01	2.08%	3,328	160,143	0.55%	21	3,830		6.4905	YES
Nov-01	1.52%	2,726	179,704	0.26%	10	3,827		6.2407	YES
Dec-01	1.14%	2,348	205,719	0.71%	27	3,784		2.4411	YES
Jan-02	1.81%	2,735	151,223	0.58%	21	3,651		5.4760	YES
Feb-02	1.41%	2,243	159,592	0.53%	20	3,773		4.4829	YES
Mar-02	2.24%	3,886	173,345	0.63%	24	3,810		6.5731	YES
Apr-02	3.43%	4,870	141,883	0.44%	17	3,843		9.8721	YES



Note 1: ADSL Provided to Retail data serves as the BST Analog for this report

Line Sharing

March Research Data

Chart Reference(s): B.3.2.7.1

B.3.2.7.2

April Research Data

Chart Reference(s): B.3.2.7.1

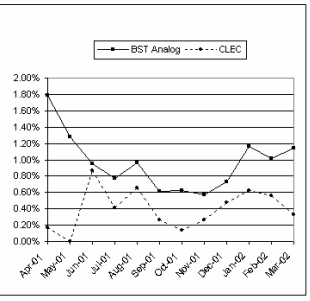
B.3.2.7.2

Chart Reference

Chart B.3.2.7.1 - March 2002 – 2.6 System Output (Official Results)

B.3.2.7.1 Line Sharing/Dispatch/GA (%)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
Apr-01	1.79%	1,236	69,035	0.17%	1	582		2.9089	YES
May-01	1.28%	1,081	84,423	0.00%	0	599		2.7592	YES
Jun-01	0.95%	1,080	113,969	0.87%	6	691		0.2135	YES
Jul-01	0.77%	989	128,777	0.41%	3	735		1.1100	YES
Aug-01	0.97%	1,360	140,838	0.66%	5	762		0.8670	YES
Sep-01	0.62%	926	149,774	0.27%	2	752		1.2256	YES
Oct-01	0.63%	1,002	160,143	0.13%	1	752		1.7041	YES
Nov-01	0.57%	1,030	179,704	0.27%	2	749		1.1044	YES
Dec-01	0.73%	1,494	205,719	0.47%	4	847		0.8656	YES
Jan-02	1.17%	1,768	151,223	0.63%	6	953		1.5356	YES
Feb-02	1.01%	1,619	159,592	0.56%	8	1,436		1.7131	YES
Mar-02	1.15%	1,989	173,345	0.33%	6	1,809		3.2222	YES

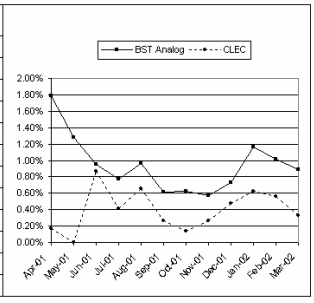


Note 1: ADSL Provided to Retail data serves as the BST Analog for this report
Note 2: Effective April 2001: Analog Changed from 'Tariffed ADSL' to 'ADSL Provided to Retail'

Chart B.3.2.7.1 - March 2002 – 4.0 System Output (Non-Official Results)

B.3.2.7.1 Line Sharing/Dispatch/GA (%)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
Apr-01	1.79%	1,236	69,035	0.17%	1	582		2.9089	YES
May-01	1.28%	1,081	84,423	0.00%	0	599		2.7592	YES
Jun-01	0.95%	1,080	113,969	0.87%	6	691		0.2135	YES
Jul-01	0.77%	989	128,777	0.41%	3	735		1.1100	YES
Aug-01	0.97%	1,360	140,838	0.66%	5	762		0.8670	YES
Sep-01	0.62%	926	149,774	0.27%	2	752		1.2256	YES
Oct-01	0.63%	1,002	160,143	0.13%	1	752		1.7041	YES
Nov-01	0.57%	1,030	179,704	0.27%	2	749		1.1044	YES
Dec-01	0.73%	1,494	205,719	0.47%	4	847		0.8656	YES
Jan-02	1.17%	1,768	151,223	0.63%	6	953		1.5356	YES
Feb-02	1.01%	1,619	159,592	0.56%	8	1,436		1.7131	YES
Mar-02	0.89%	1,197	134,852	0.33%	6	1,808		2.4917	YES

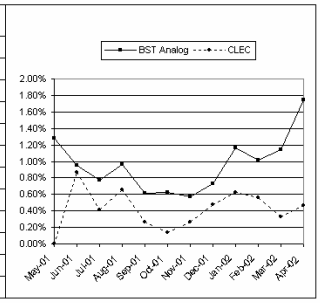


Note 1: ADSL Provided to Retail data serves as the BST Analog for this report
Note 2: Effective April 2001: Analog Changed from 'Tariffed ADSL' to 'ADSL Provided to Retail'
Note 3: ATTORNEY-CLIENT PRIVILEGED DOCUMENT. PREPARED IN ANTICIPATION OF LITIGATION.

Chart B.3.2.7.1 - April 2002 – 2.6 System Output (Non-Official Results)

B.3.2.7.1 Line Sharing/Dispatch/GA (%)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
May-01	1.28%	1,081	84,423	0.00%	0	599		2.7592	YES
Jun-01	0.95%	1,080	113,969	0.87%	6	691		0.2135	YES
Jul-01	0.77%	989	128,777	0.41%	3	735		1.1100	YES
Aug-01	0.97%	1,360	140,838	0.66%	5	762		0.8670	YES
Sep-01	0.62%	926	149,774	0.27%	2	752		1.2256	YES
Oct-01	0.63%	1,002	160,143	0.13%	1	752		1.7041	YES
Nov-01	0.57%	1,030	179,704	0.27%	2	749		1.1044	YES
Dec-01	0.73%	1,494	205,719	0.47%	4	847		0.8656	YES
Jan-02	1.17%	1,768	151,223	0.63%	6	953		1.5356	YES
Feb-02	1.01%	1,619	159,592	0.56%	8	1,436		1.7131	YES
Mar-02	1.15%	1,989	173,345	0.33%	6	1,809		3.2222	YES
Apr-02	1.75%	3,251	186,162	0.46%	10	2,153		4.4751	YES

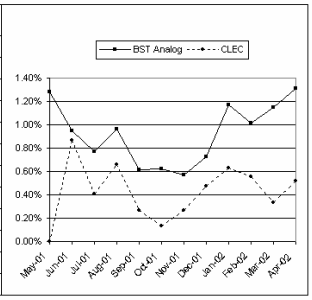


Note 1: ADSL Provided to Retail data serves as the BST Analog for this report
Note 2: Effective April 2001: Analog Changed from 'Tariffed ADSL' to 'ADSL Provided to Retail'

Chart B.3.2.7.1 - April 2002 – 4.0 System Output (Official Results)

B.3.2.7.1 Line Sharing/Dispatch/GA (%)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
May-01	1.28%	1,081	84,423	0.00%	0	599		2.7592	YES
Jun-01	0.95%	1,080	113,969	0.87%	6	691		0.2135	YES
Jul-01	0.77%	989	128,777	0.41%	3	735		1.1100	YES
Aug-01	0.97%	1,360	140,838	0.66%	5	762		0.8670	YES
Sep-01	0.62%	926	149,774	0.27%	2	752		1.2256	YES
Oct-01	0.63%	1,002	160,143	0.13%	1	752		1.7041	YES
Nov-01	0.57%	1,030	179,704	0.27%	2	749		1.1044	YES
Dec-01	0.73%	1,494	205,719	0.47%	4	847		0.8656	YES
Jan-02	1.17%	1,768	151,223	0.63%	6	953		1.5356	YES
Feb-02	1.01%	1,619	159,592	0.56%	8	1,436		1.7131	YES
Mar-02	1.15%	1,989	173,345	0.33%	6	1,809		3.2222	YES
Apr-02	1.31%	1,865	141,883	0.52%	11	2,119		3.1698	YES

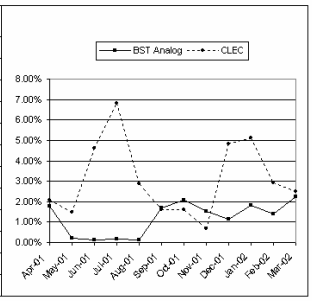


Note 1: ADSL Provided to Retail data serves as the BST Analog for this report
Note 2: Effective April 2001: Analog Changed from 'Tariffed ADSL' to 'ADSL Provided to Retail'

Chart B.3.2.7.2 - March 2002 – 2.6 System Output (Official Results)

B.3.2.7.2 Line Sharing/Non-Dispatch/GA (%)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
Apr-01	1.79%	1,236	69,035	2.06%	12	582		-0.4848	YES
May-01	0.22%	186	84,423	1.50%	9	599		-6.6685	NO
Jun-01	0.14%	160	113,969	4.63%	32	691		-31.4096	NO
Jul-01	0.18%	233	128,777	6.80%	50	735		-42.0847	NO
Aug-01	0.12%	168	140,838	2.89%	22	762		-22.0625	NO
Sep-01	1.70%	2,549	149,774	1.60%	12	752		0.2226	YES
Oct-01	2.08%	3,328	160,143	1.60%	12	752		0.9155	YES
Nov-01	1.52%	2,726	179,704	0.67%	5	749		1.8835	YES
Dec-01	1.14%	2,348	205,719	4.84%	41	847		-10.0566	NO
Jan-02	1.81%	2,735	151,223	5.14%	49	953		-7.6271	NO
Feb-02	1.41%	2,243	159,592	2.92%	42	1,436		-4.8348	NO
Mar-02	2.24%	3,886	173,345	2.49%	45	1,809		-0.6946	YES

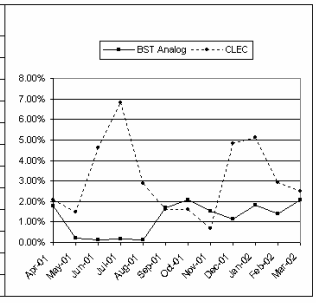


Note 1: ADSL Provided to Retail data serves as the BST Analog for this report
Note 2: Effective April 2001: Analog Changed from 'Tariffed ADSL' to 'ADSL Provided to Retail'

Chart B.3.2.7.2 - March 2002 – 4.0 System Output (Non-Official Results)

B.3.2.7.2 Line Sharing/Non-Dispatch/GA (%)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
Apr-01	1.79%	1,236	69,035	2.06%	12	582		-0.4848	YES
May-01	0.22%	186	84,423	1.50%	9	599		-6.6685	NO
Jun-01	0.14%	160	113,969	4.63%	32	691		-31.4096	NO
Jul-01	0.18%	233	128,777	6.80%	50	735		-42.0847	NO
Aug-01	0.12%	168	140,838	2.89%	22	762		-22.0625	NO
Sep-01	1.70%	2,549	149,774	1.60%	12	752		0.2226	YES
Oct-01	2.08%	3,328	160,143	1.60%	12	752		0.9155	YES
Nov-01	1.52%	2,726	179,704	0.67%	5	749		1.8835	YES
Dec-01	1.14%	2,348	205,719	4.84%	41	847		-10.0566	NO
Jan-02	1.81%	2,735	151,223	5.14%	49	953		-7.6271	NO
Feb-02	1.41%	2,243	159,592	2.92%	42	1,436		-4.8348	NO
Mar-02	2.08%	2,804	134,852	2.49%	45	1,808		-1.1999	YES

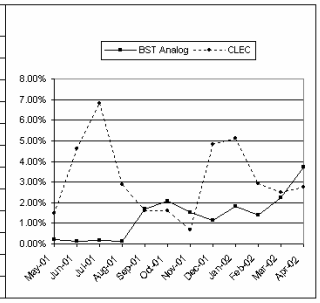


Note 1: ADSL Provided to Retail data serves as the BST Analog for this report
Note 2: Effective April 2001: Analog Changed from 'Tariffed ADSL' to 'ADSL Provided to Retail'
Note 3: ATTORNEY-CLIENT PRIVILEGED DOCUMENT. PREPARED IN ANTICIPATION OF LITIGATION.

Chart B.3.2.7.2 - April 2002 – 2.6 System Output (Non-Official Results)

B.3.2.7.2 Line Sharing/Non-Dispatch/GA (%)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
May-01	0.22%	186	84,423	1.50%	9	599		-6.6685	NO
Jun-01	0.14%	160	113,969	4.63%	32	691		-31.4096	NO
Jul-01	0.18%	233	126,777	6.80%	50	735		-42.0847	NO
Aug-01	0.12%	168	140,838	2.89%	22	762		-22.0625	NO
Sep-01	1.70%	2,549	149,774	1.60%	12	752		0.2226	YES
Oct-01	2.08%	3,328	160,143	1.60%	12	752		0.9155	YES
Nov-01	1.52%	2,726	179,704	0.67%	5	749		1.8835	YES
Dec-01	1.14%	2,348	205,719	4.84%	41	847		-10.0566	NO
Jan-02	1.81%	2,735	151,223	5.14%	49	953		-7.6271	NO
Feb-02	1.41%	2,243	159,592	2.92%	42	1,436		-4.8348	NO
Mar-02	2.24%	3,886	173,345	2.49%	45	1,809		-0.6946	YES
Apr-02	3.71%	6,906	186,162	2.74%	59	2,153		2.3218	YES

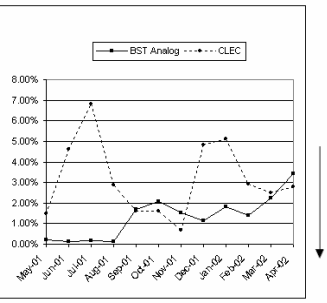


Note 1: ADSL Provided to Retail data serves as the BST Analog for this report
Note 2: Effective April 2001: Analog Changed from 'Tariffed ADSL' to 'ADSL Provided to Retail'

Chart B.3.2.7.2 - April 2002 – 4.0 System Output (Official Results)

B.3.2.7.2 Line Sharing/Non-Dispatch/GA (%)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
May-01	0.22%	186	84,423	1.50%	9	599		-6.6685	NO
Jun-01	0.14%	160	113,969	4.63%	32	691		-31.4096	NO
Jul-01	0.18%	233	126,777	6.80%	50	735		-42.0847	NO
Aug-01	0.12%	168	140,838	2.89%	22	762		-22.0625	NO
Sep-01	1.70%	2,549	149,774	1.60%	12	752		0.2226	YES
Oct-01	2.08%	3,328	160,143	1.60%	12	752		0.9155	YES
Nov-01	1.52%	2,726	179,704	0.67%	5	749		1.8835	YES
Dec-01	1.14%	2,348	205,719	4.84%	41	847		-10.0566	NO
Jan-02	1.81%	2,735	151,223	5.14%	49	953		-7.6271	NO
Feb-02	1.41%	2,243	159,592	2.92%	42	1,436		-4.8348	NO
Mar-02	2.24%	3,886	173,345	2.49%	45	1,809		-0.6946	YES
Apr-02	3.43%	4,870	141,883	2.78%	59	2,119		1.5983	YES



Note 1: ADSL Provided to Retail data serves as the BST Analog for this report
Note 2: Effective April 2001: Analog Changed from 'Tariffed ADSL' to 'ADSL Provided to Retail'

Maintenance Average Duration

SQM Measure Reference: M&R-3

SQM Measure Description:

The Maintenance Average Duration measure is intended to analyze the average duration of customer trouble reports from the receipt of the Customers Trouble Report to the time the trouble report is cleared to a CLEC.

xDSL (ADSL, HDSL, and UCL)

March Research Data

Chart Reference(s): B.3.3.5.1

B.3.3.5.2

April Research Data

Chart Reference(s): B.3.3.5.1

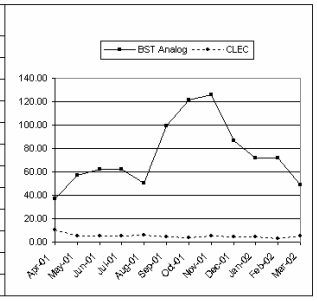
B.3.3.5.2

Chart Reference

Chart B.3.3.5.1 - March 2002 – 2.6 System Output (Official Results)

B.3.3.5.1 xDSL (ADSL, HDSL and UCL)/Dispatch/GA (hours)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
Apr-01	36.68	45,373	1,237	10.35	559	54	86.305	2.1945	YES
May-01	56.75	61,460	1,083	5.49	258	47	37.724	9.1203	YES
Jun-01	61.86	66,806	1,080	5.42	255	47	38.706	9.7860	YES
Jul-01	62.47	61,785	989	5.38	242	45	38.895	9.6303	YES
Aug-01	50.59	68,797	1,360	6.21	286	46	43.349	6.8286	YES
Sep-01	99.21	91,869	926	4.35	131	30	50.779	10.0697	YES
Oct-01	121.29	121,532	1,002	3.55	121	34	49.532	13.6306	YES
Nov-01	126.22	130,011	1,030	5.29	143	27	288.047	2.1536	YES
Dec-01	86.49	129,211	1,494	4.12	157	38	214.200	2.3409	YES
Jan-02	71.98	127,254	1,768	4.70	127	27	261.129	1.3287	YES
Feb-02	72.06	116,672	1,619	3.31	96	29	255.265	1.4376	YES
Mar-02	49.22	97,904	1,989	5.39	140	26	123.632	1.7960	YES

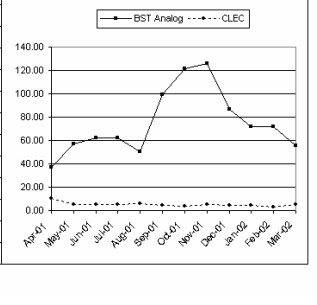


Note 1: ADSL Provided to Retail data serves as the BST Analog for this report

Chart B.3.3.5.1 - March 2002 – 4.0 System Output (Non-Official Results)

B.3.3.5.1 xDSL (ADSL, HDSL and UCL)/Dispatch/GA (hours)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
Apr-01	36.68	45,373	1,237	10.35	559	54	86.305	2.1945	YES
May-01	56.75	61,460	1,083	5.49	258	47	37.724	9.1203	YES
Jun-01	61.86	66,806	1,080	5.42	255	47	38.706	9.7860	YES
Jul-01	62.47	61,785	989	5.38	242	45	38.895	9.6303	YES
Aug-01	50.59	68,797	1,360	6.21	286	46	43.349	6.8286	YES
Sep-01	99.21	91,869	926	4.35	131	30	50.779	10.0697	YES
Oct-01	121.29	121,532	1,002	3.55	121	34	49.532	13.6306	YES
Nov-01	126.22	130,011	1,030	5.29	143	27	288.047	2.1536	YES
Dec-01	86.49	129,211	1,494	4.12	157	38	214.200	2.3409	YES
Jan-02	71.98	127,254	1,768	4.70	127	27	261.129	1.3287	YES
Feb-02	72.06	116,672	1,619	3.31	96	29	255.265	1.4376	YES
Mar-02	55.62	66,579	1,197	5.14	113	22	150.177	1.5624	YES

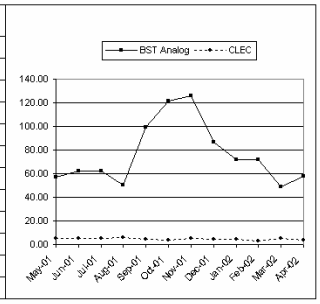


Note 1: ADSL Provided to Retail data serves as the BST Analog for this report
Note 2: ATTORNEY-CLIENT PRIVILEGED DOCUMENT. PREPARED IN ANTICIPATION OF LITIGATION.

Chart B.3.3.5.1 - April 2002 – 2.6 System Output (Non-Official Results)

B.3.3.5.1 xDSL (ADSL, HDSL and UCL)/Dispatch/GA (hours)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
May-01	56.75	61,460	1,083	5.49	258	47	37.724	9.1203	YES
Jun-01	61.86	66,806	1,080	5.42	255	47	38.706	9.7860	YES
Jul-01	62.47	61,785	989	5.38	242	45	38.895	9.6303	YES
Aug-01	50.59	68,797	1,360	6.21	286	46	43.349	6.8286	YES
Sep-01	99.21	91,869	926	4.35	131	30	50.779	10.0697	YES
Oct-01	121.29	121,532	1,002	3.55	121	34	49.532	13.6306	YES
Nov-01	126.22	130,011	1,030	5.29	143	27	288.047	2.1536	YES
Dec-01	86.49	129,211	1,494	4.12	157	38	214.200	2.3409	YES
Jan-02	71.98	127,254	1,768	4.70	127	27	261.129	1.3287	YES
Feb-02	72.06	116,672	1,619	3.31	96	29	255.265	1.4376	YES
Mar-02	49.22	97,904	1,989	5.39	140	26	123.632	1.7960	YES
Apr-02	57.92	188,306	3,251	3.78	140	37	101.556	3.2245	YES

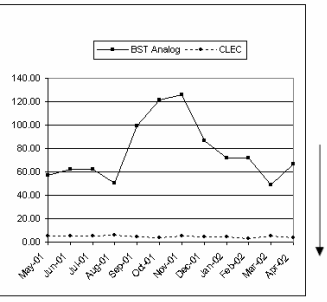


Note 1: ADSL Provided to Retail data serves as the BST Analog for this report

Chart B.3.3.5.1 - April 2002 – 4.0 System Output (Official Results)

B.3.3.5.1 xDSL (ADSL, HDSL and UCL)/Dispatch/GA (hours)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
May-01	56.75	61,460	1,083	5.49	258	47	37.724	9.1203	YES
Jun-01	61.86	66,806	1,080	5.42	255	47	38.706	9.7860	YES
Jul-01	62.47	61,785	989	5.38	242	45	38.895	9.6303	YES
Aug-01	50.59	68,797	1,360	6.21	286	46	43.349	6.8286	YES
Sep-01	99.21	91,869	926	4.35	131	30	50.779	10.0697	YES
Oct-01	121.29	121,532	1,002	3.55	121	34	49.532	13.6306	YES
Nov-01	126.22	130,011	1,030	5.29	143	27	288.047	2.1536	YES
Dec-01	86.49	129,211	1,494	4.12	157	38	214.200	2.3409	YES
Jan-02	71.98	127,254	1,768	4.70	127	27	261.129	1.3287	YES
Feb-02	72.06	116,672	1,619	3.31	96	29	255.265	1.4376	YES
Mar-02	49.22	97,904	1,989	5.39	140	26	123.632	1.7960	YES
Apr-02	66.87	124,714	1,865	3.56	128	36	127.678	2.9467	YES

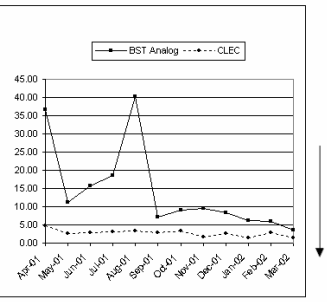


Note 1: ADSL Provided to Retail data serves as the BST Analog for this report

Chart B.3.3.5.2 - March 2002 – 2.6 System Output (Official Results)

B.3.3.5.2 xDSL (ADSL, HDSL and UCL)/Non-Dispatch/GA (hours)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
Apr-01	36.68	45,373	1,237	4.85	141	29	86.305	1.9632	YES
May-01	11.25	2,081	185	2.73	112	41	24.464	2.0169	YES
Jun-01	15.76	2,521	160	2.91	116	40	28.446	2.5546	YES
Jul-01	18.49	4,309	233	3.08	111	36	27.984	3.0767	YES
Aug-01	40.18	6,750	168	3.32	90	27	25.445	6.9856	YES
Sep-01	7.05	17,960	2,549	2.87	52	18	21.638	0.8166	YES
Oct-01	9.08	30,219	3,328	3.40	71	21	22.179	1.1706	YES
Nov-01	9.57	26,090	2,726	1.58	16	10	131.481	0.1919	YES
Dec-01	8.25	19,374	2,348	2.56	69	27	124.654	0.2359	YES
Jan-02	6.30	17,241	2,735	1.49	31	21	47.822	0.4599	YES
Feb-02	5.93	13,306	2,243	2.97	59	20	67.067	0.1965	YES
Mar-02	3.52	13,671	3,886	1.35	32	24	20.503	0.5161	YES

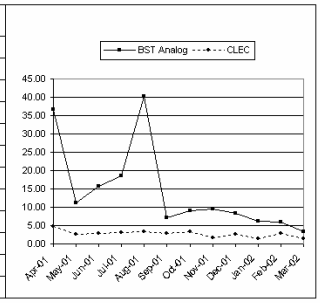


Note 1: ADSL Provided to Retail data serves as the BST Analog for this report

Chart B.3.3.5.2 - March 2002 – 4.0 System Output (Non-Official Results)

B.3.3.5.2 xDSL (ADSL, HDSL and UCL)/Non-Dispatch/GA (hours)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
Apr-01	36.68	45,373	1,237	4.85	141	29	86.305	1.9632	YES
May-01	11.25	2,081	185	2.73	112	41	24.464	2.0169	YES
Jun-01	15.76	2,521	160	2.91	116	40	28.446	2.5546	YES
Jul-01	18.49	4,309	233	3.08	111	36	27.984	3.0767	YES
Aug-01	40.18	6,750	168	3.32	90	27	25.445	6.9856	YES
Sep-01	7.05	17,960	2,549	2.87	52	18	21.638	0.8166	YES
Oct-01	9.08	30,219	3,328	3.40	71	21	22.179	1.1706	YES
Nov-01	9.57	26,090	2,726	1.58	16	10	131.481	0.1919	YES
Dec-01	8.25	19,374	2,348	2.56	69	27	124.654	0.2359	YES
Jan-02	6.30	17,241	2,735	1.49	31	21	47.822	0.4599	YES
Feb-02	5.93	13,306	2,243	2.97	59	20	67.067	0.1965	YES
Mar-02	3.38	9,481	2,804	1.35	32	24	21.633	0.4577	YES

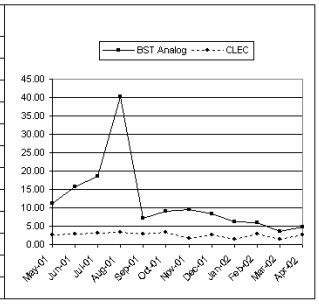


Note 1: ADSL Provided to Retail data serves as the BST Analog for this report
Note 2: ATTORNEY-CLIENT PRIVILEGED DOCUMENT. PREPARED IN ANTICIPATION OF LITIGATION.

Chart B.3.3.5.2 - April 2002 – 2.6 System Output (Non-Official Results)

B.3.3.5.2 xDSL (ADSL, HDSL and UCL)/Non-Dispatch/GA (hours)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
May-01	11.25	2,081	185	2.73	112	41	24.464	2.0169	YES
Jun-01	15.76	2,521	160	2.91	116	40	28.446	2.5546	YES
Jul-01	18.49	4,309	233	3.08	111	36	27.984	3.0767	YES
Aug-01	40.18	6,750	168	3.32	90	27	25.445	6.9856	YES
Sep-01	7.05	17,960	2,549	2.87	52	18	21.638	0.8166	YES
Oct-01	9.08	30,219	3,328	3.40	71	21	22.179	1.1706	YES
Nov-01	9.57	26,090	2,726	1.58	16	10	131.481	0.1919	YES
Dec-01	8.25	19,374	2,348	2.56	69	27	124.654	0.2359	YES
Jan-02	6.30	17,241	2,735	1.49	31	21	47.822	0.4599	YES
Feb-02	5.93	13,306	2,243	2.97	59	20	67.067	0.1965	YES
Mar-02	3.52	13,671	3,886	1.35	32	24	20.503	0.5161	YES
Apr-02	4.67	32,275	6,906	2.56	43	17	31.937	0.2729	YES

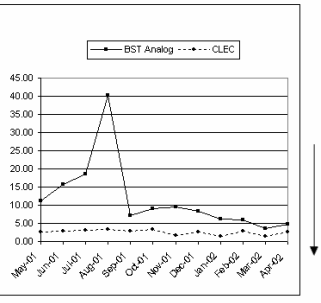


Note 1: ADSL Provided to Retail data serves as the BST Analog for this report

Chart B.3.3.5.2 - April 2002 – 4.0 System Output (Official Results)

B.3.3.5.2 xDSL (ADSL, HDSL and UCL)/Non-Dispatch/GA (hours)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
May-01	11.25	2,081	185	2.73	112	41	24.464	2.0169	YES
Jun-01	15.76	2,521	160	2.91	116	40	28.446	2.5546	YES
Jul-01	18.49	4,309	233	3.08	111	36	27.984	3.0767	YES
Aug-01	40.18	6,750	168	3.32	90	27	25.445	6.9856	YES
Sep-01	7.05	17,960	2,549	2.87	52	18	21.638	0.8166	YES
Oct-01	9.08	30,219	3,328	3.40	71	21	22.179	1.1706	YES
Nov-01	9.57	26,090	2,726	1.58	16	10	131.481	0.1919	YES
Dec-01	8.25	19,374	2,348	2.56	69	27	124.654	0.2359	YES
Jan-02	6.30	17,241	2,735	1.49	31	21	47.822	0.4599	YES
Feb-02	5.93	13,306	2,243	2.97	59	20	67.067	0.1965	YES
Mar-02	3.52	13,671	3,886	1.35	32	24	20.503	0.5161	YES
Apr-02	4.77	23,249	4,870	2.56	43	17	38.384	0.2377	YES



Note 1: ADSL Provided to Retail data serves as the BST Analog for this report

Line Sharing

March Research Data

Chart Reference(s): B.3.3.7.1

B.3.3.7.2

April Research Data

Chart Reference(s): B.3.3.7.1

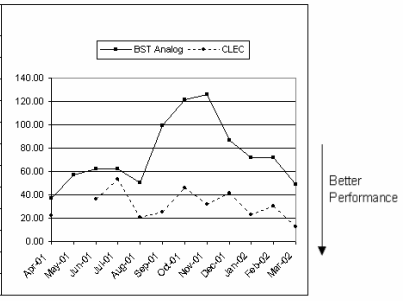
B.3.3.7.2

Chart Reference

Chart B.3.3.7.1 - March 2002 – 2.6 System Output (Official Results)

B.3.3.7.1 Line Sharing/Dispatch/GA (hours)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
Apr-01	36.68	45,373	1,237	22.42	22	1	86.305	0.1652	YES
May-01	56.75	61,460	1,083				37.724		
Jun-01	61.86	66,806	1,080	36.42	219	6	38.706	1.6054	YES
Jul-01	62.47	61,785	989	53.68	161	3	38.895	0.3911	YES
Aug-01	50.59	68,797	1,360	20.57	103	5	43.349	1.5457	YES
Sep-01	99.21	91,869	926	25.48	51	2	50.779	2.0513	YES
Oct-01	121.29	121,532	1,002	46.25	46	1	49.532	1.5142	YES
Nov-01	126.22	130,011	1,030	31.85	64	2	288.047	0.4629	YES
Dec-01	86.49	129,211	1,494	41.75	167	4	214.200	0.4171	YES
Jan-02	71.98	127,254	1,768	23.11	139	6	261.129	0.4576	YES
Feb-02	72.06	116,672	1,619	30.21	242	8	255.265	0.4626	YES
Mar-02	49.22	97,904	1,989	12.25	74	6	123.632	0.7314	YES

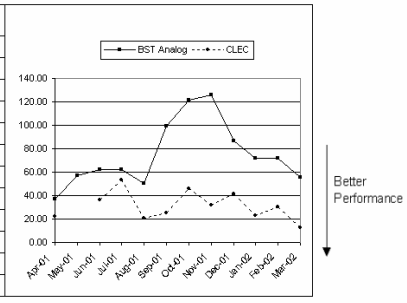


Note 1: ADSL Provided to Retail data serves as the BST Analog for this report
Note 2: Effective April 2001: Analog Changed from 'Tariffed ADSL' to 'ADSL Provided to Retail'

Chart B.3.3.7.1 - March 2002 – 4.0 System Output (Non-Official Results)

B.3.3.7.1 Line Sharing/Dispatch/GA (hours)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
Apr-01	36.68	45,373	1,237	22.42	22	1	86.305	0.1652	YES
May-01	56.75	61,460	1,083				37.724		
Jun-01	61.86	66,806	1,080	36.42	219	6	38.706	1.6054	YES
Jul-01	62.47	61,785	989	53.68	161	3	38.895	0.3911	YES
Aug-01	50.59	68,797	1,360	20.57	103	5	43.349	1.5457	YES
Sep-01	99.21	91,869	926	25.48	51	2	50.779	2.0513	YES
Oct-01	121.29	121,532	1,002	46.25	46	1	49.532	1.5142	YES
Nov-01	126.22	130,011	1,030	31.85	64	2	288.047	0.4629	YES
Dec-01	86.49	129,211	1,494	41.75	167	4	214.200	0.4171	YES
Jan-02	71.98	127,254	1,768	23.11	139	6	261.129	0.4576	YES
Feb-02	72.06	116,672	1,619	30.21	242	8	255.265	0.4626	YES
Mar-02	55.62	66,579	1,197	12.25	74	6	150.177	0.7057	YES

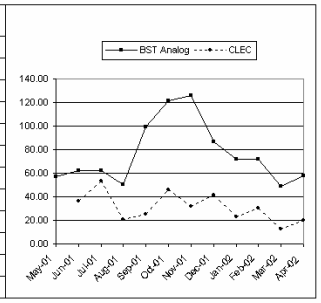


Note 1: ADSL Provided to Retail data serves as the BST Analog for this report
Note 2: Effective April 2001: Analog Changed from 'Tariffed ADSL' to 'ADSL Provided to Retail'
Note 3: ATTORNEY-CLIENT PRIVILEGED DOCUMENT. PREPARED IN ANTICIPATION OF LITIGATION.

Chart B.3.3.7.1 - April 2002 – 2.6 System Output (Non-Official Results)

B.3.3.7.1 Line Sharing/Dispatch/GA (hours)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
May-01	56.75	61,460	1,083				37.724		
Jun-01	61.86	66,806	1,080	36.42	219	6	38.706	1.6054	YES
Jul-01	62.47	61,785	989	53.68	161	3	38.895	0.3911	YES
Aug-01	50.59	68,797	1,360	20.57	103	5	43.349	1.5457	YES
Sep-01	99.21	91,869	926	25.48	51	2	50.779	2.0513	YES
Oct-01	121.29	121,532	1,002	46.25	46	1	49.532	1.5142	YES
Nov-01	126.22	130,011	1,030	31.85	64	2	288.047	0.4629	YES
Dec-01	86.49	129,211	1,494	41.75	167	4	214.200	0.4171	YES
Jan-02	71.98	127,254	1,768	23.11	139	6	261.129	0.4576	YES
Feb-02	72.06	116,672	1,619	30.21	242	8	255.265	0.4626	YES
Mar-02	49.22	97,904	1,989	12.25	74	6	123.632	0.7314	YES
Apr-02	57.92	188,306	3,251	19.70	197	10	101.556	1.1885	YES

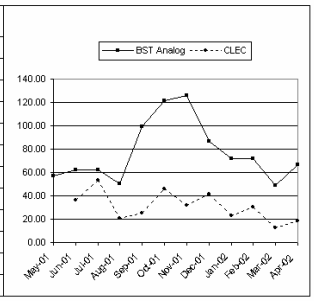


Note 1: ADSL Provided to Retail data serves as the BST Analog for this report
Note 2: Effective April 2001: Analog Changed from 'Tariffed ADSL' to 'ADSL Provided to Retail'

Chart B.3.3.7.1 - April 2002 – 4.0 System Output (Official Results)

B.3.3.7.1 Line Sharing/Dispatch/GA (hours)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
May-01	56.75	61,460	1,083				37.724		
Jun-01	61.86	66,806	1,080	36.42	219	6	38.706	1.6054	YES
Jul-01	62.47	61,785	989	53.68	161	3	38.895	0.3911	YES
Aug-01	50.59	68,797	1,360	20.57	103	5	43.349	1.5457	YES
Sep-01	99.21	91,869	926	25.48	51	2	50.779	2.0513	YES
Oct-01	121.29	121,532	1,002	46.25	46	1	49.532	1.5142	YES
Nov-01	126.22	130,011	1,030	31.85	64	2	288.047	0.4629	YES
Dec-01	86.49	129,211	1,494	41.75	167	4	214.200	0.4171	YES
Jan-02	71.98	127,254	1,768	23.11	139	6	261.129	0.4576	YES
Feb-02	72.06	116,672	1,619	30.21	242	8	255.265	0.4626	YES
Mar-02	49.22	97,904	1,989	12.25	74	6	123.632	0.7314	YES
Apr-02	66.87	124,714	1,865	18.27	201	11	127.678	1.2587	YES

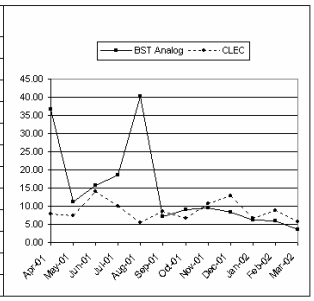


Note 1: ADSL Provided to Retail data serves as the BST Analog for this report
Note 2: Effective April 2001: Analog Changed from 'Tariffed ADSL' to 'ADSL Provided to Retail'

Chart B.3.3.7.2 - March 2002 – 2.6 System Output (Official Results)

B.3.3.7.2 Line Sharing/Non-Dispatch/GA (hours)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
Apr-01	36.68	45,373	1,237	7.81	94	12	86.305	1.1532	YES
May-01	11.25	2,081	185	7.36	66	9	24.464	0.4657	YES
Jun-01	15.76	2,521	160	13.98	447	32	28.446	0.3223	YES
Jul-01	18.49	4,309	233	10.04	502	50	27.984	1.9381	YES
Aug-01	40.18	6,750	168	5.38	118	22	25.445	6.0322	YES
Sep-01	7.05	17,960	2,549	8.54	102	12	21.638	-0.2382	YES
Oct-01	9.08	30,219	3,328	6.76	81	12	22.179	0.3614	YES
Nov-01	9.57	26,090	2,726	10.61	53	5	131.481	-0.0177	YES
Dec-01	8.25	19,374	2,348	12.92	530	41	124.654	-0.2376	YES
Jan-02	6.30	17,241	2,735	6.64	325	49	47.822	-0.0483	YES
Feb-02	5.93	13,306	2,243	8.91	374	42	67.067	-0.2855	YES
Mar-02	3.52	13,671	3,886	5.68	256	45	20.503	-0.7033	YES

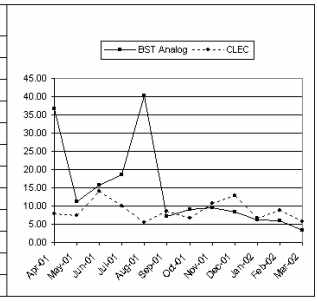


Note 1: ADSL Provided to Retail data serves as the BST Analog for this report
Note 2: Effective April 2001: Analog Changed from 'Tariffed ADSL' to 'ADSL Provided to Retail'

Chart B.3.3.7.2 - March 2002 – 4.0 System Output (Non-Official Results)

B.3.3.7.2 Line Sharing/Non-Dispatch/GA (hours)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
Apr-01	36.68	45,373	1,237	7.81	94	12	86.305	1.1532	YES
May-01	11.25	2,081	185	7.36	66	9	24.464	0.4657	YES
Jun-01	15.76	2,521	160	13.98	447	32	28.446	0.3223	YES
Jul-01	18.49	4,309	233	10.04	502	50	27.984	1.9381	YES
Aug-01	40.18	6,750	168	5.38	118	22	25.445	6.0322	YES
Sep-01	7.05	17,960	2,549	8.54	102	12	21.638	-0.2382	YES
Oct-01	9.08	30,219	3,328	6.76	81	12	22.179	0.3614	YES
Nov-01	9.57	26,090	2,726	10.61	53	5	131.481	-0.0177	YES
Dec-01	8.25	19,374	2,348	12.92	530	41	124.654	-0.2376	YES
Jan-02	6.30	17,241	2,735	6.64	325	49	47.822	-0.0483	YES
Feb-02	5.93	13,306	2,243	8.91	374	42	67.067	-0.2855	YES
Mar-02	3.38	9,481	2,804	5.63	253	45	21.633	-0.6924	YES

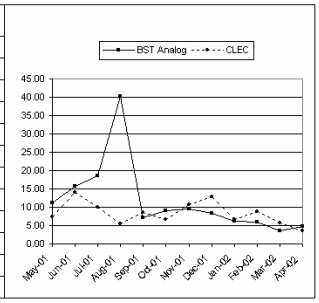


Note 1: ADSL Provided to Retail data serves as the BST Analog for this report
Note 2: Effective April 2001: Analog Changed from 'Tariffed ADSL' to 'ADSL Provided to Retail'
Note 3: ATTORNEY-CLIENT PRIVILEGED DOCUMENT. PREPARED IN ANTICIPATION OF LITIGATION.

Chart B.3.3.7.2 - April 2002 – 2.6 System Output (Non-Official Results)

B.3.3.7.2 Line Sharing/Non-Dispatch/GA (hours)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
May-01	11.25	2,081	185	7.36	66	9	24.464	0.4657	YES
Jun-01	15.76	2,521	160	13.98	447	32	28.446	0.3223	YES
Jul-01	18.49	4,309	233	10.04	502	50	27.984	1.9381	YES
Aug-01	40.18	6,750	168	5.38	118	22	25.445	6.0322	YES
Sep-01	7.05	17,960	2,549	8.54	102	12	21.638	-0.2382	YES
Oct-01	9.08	30,219	3,328	6.76	81	12	22.179	0.3614	YES
Nov-01	9.57	26,090	2,726	10.61	53	5	131.481	-0.0177	YES
Dec-01	8.25	19,374	2,348	12.92	530	41	124.654	-0.2376	YES
Jan-02	6.30	17,241	2,735	6.64	325	49	47.822	-0.0483	YES
Feb-02	5.93	13,306	2,243	8.91	374	42	67.067	-0.2855	YES
Mar-02	3.52	13,671	3,886	5.68	256	45	20.503	-0.7033	YES
Apr-02	4.67	32,275	6,906	3.56	210	59	31.937	0.2661	YES

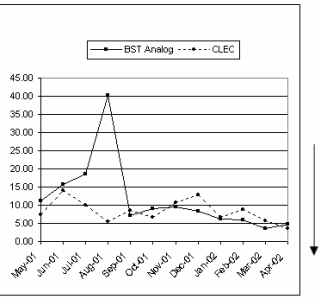


Note 1: ADSL Provided to Retail data serves as the BST Analog for this report
Note 2: Effective April 2001: Analog Changed from 'Tariffed ADSL' to 'ADSL Provided to Retail'

Chart B.3.3.7.2 - April 2002 – 4.0 System Output (Official Results)

B.3.3.7.2 Line Sharing/Non-Dispatch/GA (hours)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
May-01	11.25	2,081	185	7.36	66	9	24.464	0.4657	YES
Jun-01	15.76	2,521	160	13.98	447	32	28.446	0.3223	YES
Jul-01	18.49	4,309	233	10.04	502	50	27.984	1.9381	YES
Aug-01	40.18	6,750	168	5.38	118	22	25.445	6.0322	YES
Sep-01	7.05	17,960	2,549	8.54	102	12	21.638	-0.2382	YES
Oct-01	9.08	30,219	3,328	6.76	81	12	22.179	0.3614	YES
Nov-01	9.57	26,090	2,726	10.61	53	5	131.481	-0.0177	YES
Dec-01	8.25	19,374	2,348	12.92	530	41	124.654	-0.2376	YES
Jan-02	6.30	17,241	2,735	6.64	325	49	47.822	-0.0483	YES
Feb-02	5.93	13,306	2,243	8.91	374	42	67.067	-0.2855	YES
Mar-02	3.52	13,671	3,886	5.68	256	45	20.503	-0.7033	YES
Apr-02	4.77	23,249	4,870	3.53	208	59	38.384	0.2483	YES



Note 1: ADSL Provided to Retail data serves as the BST Analog for this report
Note 2: Effective April 2001: Analog Changed from 'Tariffed ADSL' to 'ADSL Provided to Retail'

Percent Repeat Troubles within 30 Days

SQM Measure Reference: M&R-4

SQM Measure Description:

The Percent Repeat troubles within 30 days measure is intended to analyze the closed trouble reports on the same line/circuit as a previous trouble report received within 30 calendar days as a percent of total troubles closed reported to a CLEC.

xDSL (ADSL, HDSL, and UCL)

March Research Data

Chart Reference(s): B.3.4.5.1

B.3.4.5.2

April Research Data

Chart Reference(s): B.3.4.5.1

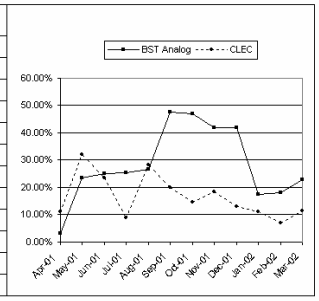
B.3.4.5.2

Chart Reference

Chart B.3.4.5.1 - March 2002 – 2.6 System Output (Official Results)

B.3.4.5.1 xDSL (ADSL, HDSL and UCL)/Dispatch/GA (%)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
Apr-01	3.31%	41	1,237	11.11%	6	54		-3.1362	NO
May-01	23.64%	256	1,083	31.91%	15	47		-1.3075	YES
Jun-01	25.19%	272	1,080	23.40%	11	47		0.2753	YES
Jul-01	25.28%	250	989	8.89%	4	45		2.4740	YES
Aug-01	26.62%	362	1,360	28.26%	13	46		-0.2480	YES
Sep-01	47.62%	441	926	20.00%	6	30		2.9816	YES
Oct-01	46.91%	470	1,002	14.71%	5	34		3.7001	YES
Nov-01	41.75%	430	1,030	18.52%	5	27		2.4161	YES
Dec-01	41.77%	624	1,494	13.16%	5	38		3.5314	YES
Jan-02	17.31%	306	1,768	11.11%	3	27		0.8447	YES
Feb-02	18.16%	294	1,619	6.90%	2	29		1.5594	YES
Mar-02	22.72%	452	1,989	11.54%	3	26		1.3524	YES

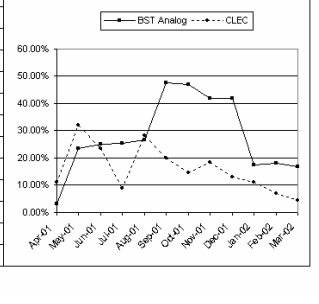


Note 1: ADSL Provided to Retail data serves as the BST Analog for this report

Chart B.3.4.5.1 - March 2002 – 4.0 System Output (Non-Official Results)

B.3.4.5.1 xDSL (ADSL, HDSL and UCL)/Dispatch/GA (%)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
Apr-01	3.31%	41	1,237	11.11%	6	54		-3.1362	NO
May-01	23.64%	256	1,083	31.91%	15	47		-1.3075	YES
Jun-01	25.19%	272	1,080	23.40%	11	47		0.2753	YES
Jul-01	25.28%	250	989	8.89%	4	45		2.4740	YES
Aug-01	26.62%	362	1,360	28.26%	13	46		-0.2480	YES
Sep-01	47.62%	441	926	20.00%	6	30		2.9816	YES
Oct-01	46.91%	470	1,002	14.71%	5	34		3.7001	YES
Nov-01	41.75%	430	1,030	18.52%	5	27		2.4161	YES
Dec-01	41.77%	624	1,494	13.16%	5	38		3.5314	YES
Jan-02	17.31%	306	1,768	11.11%	3	27		0.8447	YES
Feb-02	18.16%	294	1,619	6.90%	2	29		1.5594	YES
Mar-02	16.88%	202	1,197	4.55%	1	22		1.5301	YES

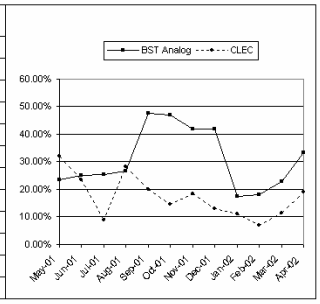


Note 1: ADSL Provided to Retail data serves as the BST Analog for this report
Note 2: ATTORNEY-CLIENT PRIVILEGED DOCUMENT. PREPARED IN ANTICIPATION OF LITIGATION.

Chart B.3.4.5.1 - April 2002 – 2.6 System Output (Non-Official Results)

B.3.4.5.1 xDSL (ADSL, HDSL and UCL)/Dispatch/GA (%)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
May-01	23.64%	256	1,083	31.91%	15	47		-1.3075	YES
Jun-01	25.19%	272	1,080	23.40%	11	47		0.2753	YES
Jul-01	25.28%	250	989	8.89%	4	45		2.4740	YES
Aug-01	26.62%	362	1,360	28.26%	13	46		-0.2480	YES
Sep-01	47.62%	441	926	20.00%	6	30		2.9816	YES
Oct-01	46.91%	470	1,002	14.71%	5	34		3.7001	YES
Nov-01	41.75%	430	1,030	18.52%	5	27		2.4161	YES
Dec-01	41.77%	624	1,494	13.16%	5	38		3.5314	YES
Jan-02	17.31%	306	1,768	11.11%	3	27		0.8447	YES
Feb-02	18.16%	294	1,619	6.90%	2	29		1.5594	YES
Mar-02	22.72%	452	1,989	11.54%	3	26		1.3524	YES
Apr-02	33.41%	1,086	3,251	18.92%	7	37		1.8577	YES

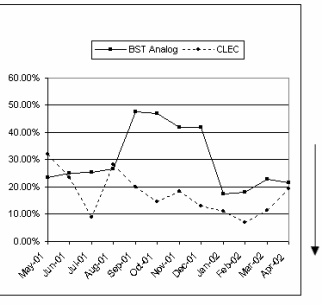


Note 1: ADSL Provided to Retail data serves as the BST Analog for this report

Chart B.3.4.5.1 - April 2002 – 4.0 System Output (Official Results)

B.3.4.5.1 xDSL (ADSL, HDSL and UCL)/Dispatch/GA (%)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
May-01	23.64%	256	1,083	31.91%	15	47		-1.3075	YES
Jun-01	25.19%	272	1,080	23.40%	11	47		0.2753	YES
Jul-01	25.28%	250	989	8.89%	4	45		2.4740	YES
Aug-01	26.62%	362	1,360	28.26%	13	46		-0.2480	YES
Sep-01	47.62%	441	926	20.00%	6	30		2.9816	YES
Oct-01	46.91%	470	1,002	14.71%	5	34		3.7001	YES
Nov-01	41.75%	430	1,030	18.52%	5	27		2.4161	YES
Dec-01	41.77%	624	1,494	13.16%	5	38		3.5314	YES
Jan-02	17.31%	306	1,768	11.11%	3	27		0.8447	YES
Feb-02	18.16%	294	1,619	6.90%	2	29		1.5594	YES
Mar-02	22.72%	452	1,989	11.54%	3	26		1.3524	YES
Apr-02	21.45%	400	1,865	19.44%	7	36		0.2900	YES

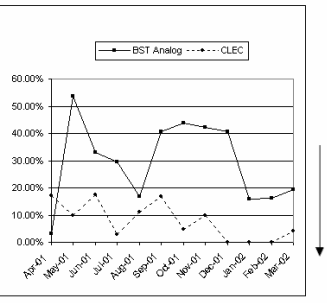


Note 1: ADSL Provided to Retail data serves as the BST Analog for this report

Chart B.3.4.5.2 - March 2002 – 2.6 System Output (Official Results)

B.3.4.5.2 xDSL (ADSL, HDSL and UCL)/Non-Dispatch/GA (%)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
Apr-01	3.31%	41	1,237	17.24%	5	29		-4.1449	NO
May-01	53.51%	99	185	9.76%	4	41		5.0825	YES
Jun-01	33.13%	53	160	17.50%	7	40		1.8780	YES
Jul-01	29.61%	69	233	2.78%	1	36		3.2823	YES
Aug-01	16.67%	28	168	11.11%	3	27		0.7190	YES
Sep-01	40.60%	1,035	2,549	16.67%	3	18		2.0607	YES
Oct-01	43.96%	1,463	3,328	4.76%	1	21		3.6077	YES
Nov-01	42.26%	1,152	2,726	10.00%	1	10		2.0614	YES
Dec-01	40.50%	951	2,348	0.00%	0	27		4.2628	YES
Jan-02	15.98%	437	2,735	0.00%	0	21		1.9907	YES
Feb-02	16.14%	362	2,243	0.00%	0	20		1.9532	YES
Mar-02	19.40%	754	3,886	4.17%	1	24		1.8817	YES

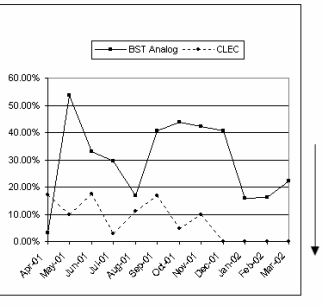


Note 1: ADSL Provided to Retail data serves as the BST Analog for this report

Chart B.3.4.5.2 - March 2002 – 4.0 System Output (Non-Official Results)

B.3.4.5.2 xDSL (ADSL, HDSL and UCL)/Non-Dispatch/GA (%)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
Apr-01	3.31%	41	1,237	17.24%	5	29		-4.1449	NO
May-01	53.51%	99	185	9.76%	4	41		5.0825	YES
Jun-01	33.13%	53	160	17.50%	7	40		1.8780	YES
Jul-01	29.61%	69	233	2.78%	1	36		3.2823	YES
Aug-01	16.67%	28	168	11.11%	3	27		0.7190	YES
Sep-01	40.60%	1,035	2,549	16.67%	3	18		2.0607	YES
Oct-01	43.96%	1,463	3,328	4.76%	1	21		3.6077	YES
Nov-01	42.26%	1,152	2,726	10.00%	1	10		2.0614	YES
Dec-01	40.50%	951	2,348	0.00%	0	27		4.2628	YES
Jan-02	15.98%	437	2,735	0.00%	0	21		1.9907	YES
Feb-02	16.14%	362	2,243	0.00%	0	20		1.9532	YES
Mar-02	22.29%	625	2,804	0.00%	0	24		2.6126	YES

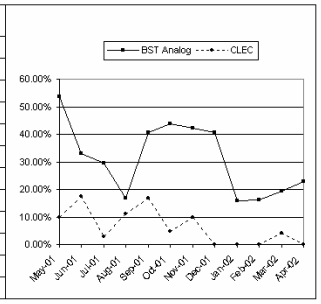


Note 1: ADSL Provided to Retail data serves as the BST Analog for this report
Note 2: ATTORNEY-CLIENT PRIVILEGED DOCUMENT. PREPARED IN ANTICIPATION OF LITIGATION.

Chart B.3.4.5.2 - April 2002 – 2.6 System Output (Non-Official Results)

B.3.4.5.2 xDSL (ADSL, HDSL and UCL)/Non-Dispatch/GA (%)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
May-01	53.51%	99	185	9.76%	4	41		5.0825	YES
Jun-01	33.13%	53	160	17.50%	7	40		1.8780	YES
Jul-01	29.61%	69	233	2.78%	1	36		3.2823	YES
Aug-01	16.67%	28	168	11.11%	3	27		0.7190	YES
Sep-01	40.60%	1,035	2,549	16.67%	3	18		2.0607	YES
Oct-01	43.96%	1,463	3,328	4.76%	1	21		3.6077	YES
Nov-01	42.26%	1,152	2,726	10.00%	1	10		2.0614	YES
Dec-01	40.50%	951	2,348	0.00%	0	27		4.2628	YES
Jan-02	15.98%	437	2,735	0.00%	0	21		1.9907	YES
Feb-02	16.14%	362	2,243	0.00%	0	20		1.9532	YES
Mar-02	19.40%	754	3,886	4.17%	1	24		1.8817	YES
Apr-02	22.78%	1,573	6,906	0.00%	0	17		2.2365	YES

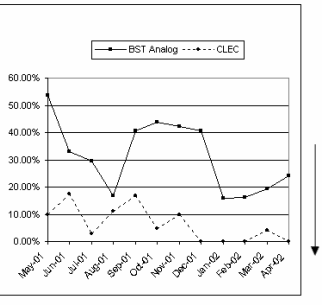


Note 1: ADSL Provided to Retail data serves as the BST Analog for this report

Chart B.3.4.5.2 - April 2002 – 4.0 System Output (Official Results)

B.3.4.5.2 xDSL (ADSL, HDSL and UCL)/Non-Dispatch/GA (%)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
May-01	53.51%	99	185	9.76%	4	41		5.0825	YES
Jun-01	33.13%	53	160	17.50%	7	40		1.8780	YES
Jul-01	29.61%	69	233	2.78%	1	36		3.2823	YES
Aug-01	16.67%	28	168	11.11%	3	27		0.7190	YES
Sep-01	40.60%	1,035	2,549	16.67%	3	18		2.0607	YES
Oct-01	43.96%	1,463	3,328	4.76%	1	21		3.6077	YES
Nov-01	42.26%	1,152	2,726	10.00%	1	10		2.0614	YES
Dec-01	40.50%	951	2,348	0.00%	0	27		4.2628	YES
Jan-02	15.98%	437	2,735	0.00%	0	21		1.9907	YES
Feb-02	16.14%	362	2,243	0.00%	0	20		1.9532	YES
Mar-02	19.40%	754	3,886	4.17%	1	24		1.8817	YES
Apr-02	24.13%	1,175	4,870	0.00%	0	17		2.3210	YES



Note 1: ADSL Provided to Retail data serves as the BST Analog for this report

Line Sharing

March Research Data

Chart Reference(s): B.3.4.7.1

B.3.4.7.2

April Research Data

Chart Reference(s): B.3.4.7.1

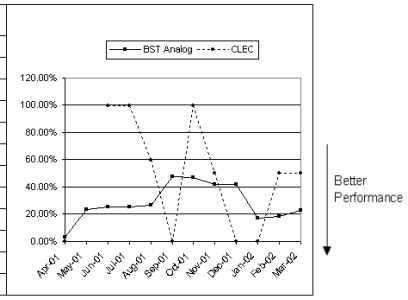
B.3.4.7.2

Chart Reference

Chart B.3.4.7.1 - March 2002 – 2.6 System Output (Official Results)

B.3.4.7.1 Line Sharing/Dispatch/GA (%)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
Apr-01	3.31%	41	1,237	0.00%	0	1		0.1849	YES
May-01	23.64%	256	1,083						
Jun-01	25.19%	272	1,080	100.00%	6	6		-4.2101	NO
Jul-01	25.28%	250	989	100.00%	3	3		-2.9734	NO
Aug-01	26.62%	362	1,360	60.00%	3	5		-1.6859	NO
Sep-01	47.62%	441	926	0.00%	0	2		1.3471	YES
Oct-01	46.91%	470	1,002	100.00%	1	1		-1.0634	YES
Nov-01	41.75%	430	1,030	50.00%	1	2		-0.2364	YES
Dec-01	41.77%	624	1,494	0.00%	0	4		1.6915	YES
Jan-02	17.31%	306	1,768	0.00%	0	6		1.1187	YES
Feb-02	18.16%	294	1,619	50.00%	4	8		-2.3304	NO
Mar-02	22.72%	452	1,989	50.00%	3	6		-1.5919	YES

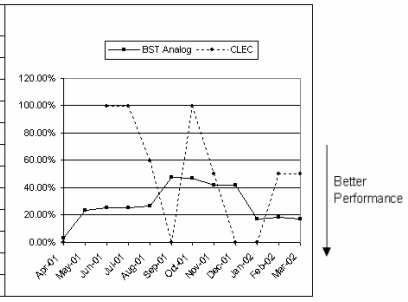


Note 1: ADSL Provided to Retail data serves as the BST Analog for this report
Note 2: Effective April 2001: Analog Changed from 'Tariffed ADSL' to 'ADSL Provided to Retail'

Chart B.3.4.7.1 - March 2002 – 4.0 System Output (Non-Official Results)

B.3.4.7.1 Line Sharing/Dispatch/GA (%)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
Apr-01	3.31%	41	1,237	0.00%	0	1		0.1849	YES
May-01	23.64%	256	1,083						
Jun-01	25.19%	272	1,080	100.00%	6	6		-4.2101	NO
Jul-01	25.28%	250	989	100.00%	3	3		-2.9734	NO
Aug-01	26.62%	362	1,360	60.00%	3	5		-1.6859	NO
Sep-01	47.62%	441	926	0.00%	0	2		1.3471	YES
Oct-01	46.91%	470	1,002	100.00%	1	1		-1.0634	YES
Nov-01	41.75%	430	1,030	50.00%	1	2		-0.2364	YES
Dec-01	41.77%	624	1,494	0.00%	0	4		1.6915	YES
Jan-02	17.31%	306	1,768	0.00%	0	6		1.1187	YES
Feb-02	18.16%	294	1,619	50.00%	4	8		-2.3304	NO
Mar-02	16.88%	202	1,197	50.00%	3	6		-2.1610	NO

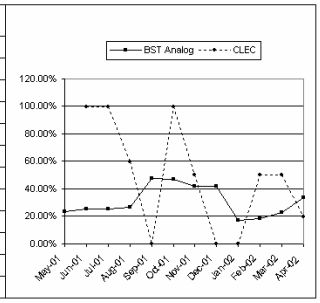


Note 1: ADSL Provided to Retail data serves as the BST Analog for this report
Note 2: Effective April 2001: Analog Changed from 'Tariffed ADSL' to 'ADSL Provided to Retail'
Note 3: ATTORNEY-CLIENT PRIVILEGED DOCUMENT. PREPARED IN ANTICIPATION OF LITIGATION.

Chart B.3.4.7.1 - April 2002 – 2.6 System Output (Non-Official Results)

B.3.4.7.1 Line Sharing/Dispatch/GA (%)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
May-01	23.64%	256	1,083						
Jun-01	25.19%	272	1,080	100.00%	6	6		-4.2101	NO
Jul-01	25.28%	250	989	100.00%	3	3		-2.9734	NO
Aug-01	26.62%	362	1,360	60.00%	3	5		-1.6859	NO
Sep-01	47.62%	441	926	0.00%	0	2		1.3471	YES
Oct-01	46.91%	470	1,002	100.00%	1	1		-1.0634	YES
Nov-01	41.75%	430	1,030	50.00%	1	2		-0.2364	YES
Dec-01	41.77%	624	1,494	0.00%	0	4		1.6915	YES
Jan-02	17.31%	306	1,768	0.00%	0	6		1.1187	YES
Feb-02	18.16%	294	1,619	50.00%	4	8		-2.3304	NO
Mar-02	22.72%	452	1,989	50.00%	3	6		-1.5919	YES
Apr-02	33.41%	1,086	3,251	20.00%	2	10		0.8974	YES

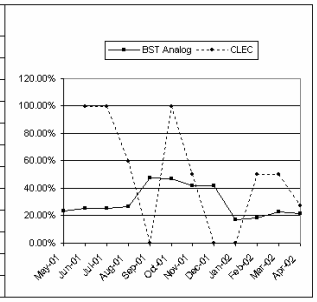


Note 1: ADSL Provided to Retail data serves as the BST Analog for this report
Note 2: Effective April 2001: Analog Changed from 'Tariffed ADSL' to 'ADSL Provided to Retail'

Chart B.3.4.7.1 - April 2002 – 4.0 System Output (Official Results)

B.3.4.7.1 Line Sharing/Dispatch/GA (%)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
May-01	23.64%	256	1,083						
Jun-01	25.19%	272	1,080	100.00%	6	6		-4.2101	NO
Jul-01	25.28%	250	989	100.00%	3	3		-2.9734	NO
Aug-01	26.62%	362	1,360	60.00%	3	5		-1.6859	NO
Sep-01	47.62%	441	926	0.00%	0	2		1.3471	YES
Oct-01	46.91%	470	1,002	100.00%	1	1		-1.0634	YES
Nov-01	41.75%	430	1,030	50.00%	1	2		-0.2364	YES
Dec-01	41.77%	624	1,494	0.00%	0	4		1.6915	YES
Jan-02	17.31%	306	1,768	0.00%	0	6		1.1187	YES
Feb-02	18.16%	294	1,619	50.00%	4	8		-2.3304	NO
Mar-02	22.72%	452	1,989	50.00%	3	6		-1.5919	YES
Apr-02	21.45%	400	1,865	27.27%	3	11		-0.4693	YES

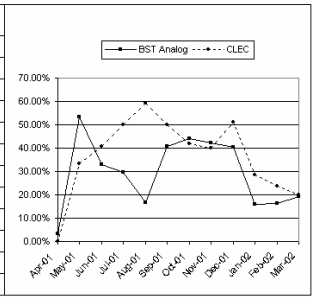


Note 1: ADSL Provided to Retail data serves as the BST Analog for this report
Note 2: Effective April 2001: Analog Changed from 'Tariffed ADSL' to 'ADSL Provided to Retail'

Chart B.3.4.7.2 - March 2002 – 2.6 System Output (Official Results)

B.3.4.7.2 Line Sharing/Non-Dispatch/GA (%)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
Apr-01	3.31%	41	1,237	0.00%	0	12		0.6378	YES
May-01	53.51%	99	185	33.33%	3	9		1.1853	YES
Jun-01	33.13%	53	160	40.63%	13	32		-0.8229	YES
Jul-01	29.61%	69	233	50.00%	25	50		-2.8649	NO
Aug-01	16.67%	28	168	59.09%	13	22		-5.0208	NO
Sep-01	40.60%	1,035	2,549	50.00%	6	12		-0.6612	YES
Oct-01	43.96%	1,463	3,328	41.67%	5	12		0.1598	YES
Nov-01	42.26%	1,152	2,726	40.00%	2	5		0.1022	YES
Dec-01	40.50%	951	2,348	51.22%	21	41		-1.3858	YES
Jan-02	15.98%	437	2,735	28.57%	14	49		-2.3847	NO
Feb-02	16.14%	362	2,243	23.81%	10	42		-1.3387	YES
Mar-02	19.40%	754	3,886	20.00%	9	45		-0.1007	YES

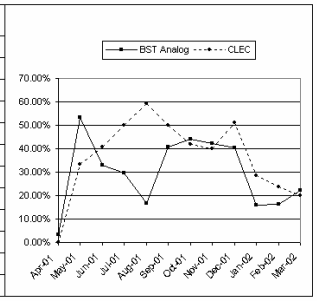


Note 1: ADSL Provided to Retail data serves as the BST Analog for this report
Note 2: Effective April 2001: Analog Changed from 'Tariffed ADSL' to 'ADSL Provided to Retail'

Chart B.3.4.7.2 - March 2002 – 4.0 System Output (Non-Official Results)

B.3.4.7.2 Line Sharing/Non-Dispatch/GA (%)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
Apr-01	3.31%	41	1,237	0.00%	0	12		0.6378	YES
May-01	53.51%	99	185	33.33%	3	9		1.1853	YES
Jun-01	33.13%	53	160	40.63%	13	32		-0.8229	YES
Jul-01	29.61%	69	233	50.00%	25	50		-2.8649	NO
Aug-01	16.67%	28	168	59.09%	13	22		-5.0208	NO
Sep-01	40.60%	1,035	2,549	50.00%	6	12		-0.6612	YES
Oct-01	43.96%	1,463	3,328	41.67%	5	12		0.1598	YES
Nov-01	42.26%	1,152	2,726	40.00%	2	5		0.1022	YES
Dec-01	40.50%	951	2,348	51.22%	21	41		-1.3858	YES
Jan-02	15.98%	437	2,735	28.57%	14	49		-2.3847	NO
Feb-02	16.14%	362	2,243	23.81%	10	42		-1.3387	YES
Mar-02	22.29%	625	2,804	20.00%	9	45		0.3661	YES

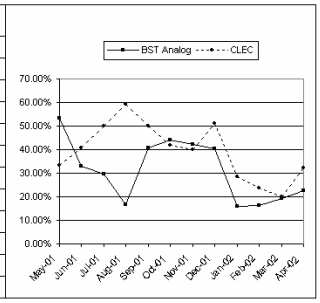


Note 1: ADSL Provided to Retail data serves as the BST Analog for this report
Note 2: Effective April 2001: Analog Changed from 'Tariffed ADSL' to 'ADSL Provided to Retail'
Note 3: ATTORNEY-CLIENT PRIVILEGED DOCUMENT. PREPARED IN ANTICIPATION OF LITIGATION.

Chart B.3.4.7.2 - April 2002 – 2.6 System Output (Non-Official Results)

B.3.4.7.2 Line Sharing/Non-Dispatch/GA (%)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
May-01	53.51%	99	185	33.33%	3	9		1.1853	YES
Jun-01	33.13%	53	160	40.63%	13	32		-0.8229	YES
Jul-01	29.61%	69	233	50.00%	25	50		-2.8649	NO
Aug-01	16.67%	28	168	59.09%	13	22		-5.0208	NO
Sep-01	40.60%	1,035	2,549	50.00%	6	12		-0.6612	YES
Oct-01	43.96%	1,463	3,328	41.67%	5	12		0.1598	YES
Nov-01	42.26%	1,152	2,726	40.00%	2	5		0.1022	YES
Dec-01	40.50%	951	2,348	51.22%	21	41		-1.3858	YES
Jan-02	15.98%	437	2,735	28.57%	14	49		-2.3847	NO
Feb-02	16.14%	362	2,243	23.81%	10	42		-1.3387	YES
Mar-02	19.40%	754	3,886	20.00%	9	45		-0.1007	YES
Apr-02	22.78%	1,573	6,906	32.20%	19	59		-1.7190	NO

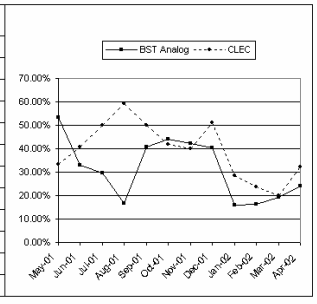


Note 1: ADSL Provided to Retail data serves as the BST Analog for this report
Note 2: Effective April 2001: Analog Changed from 'Tariffed ADSL' to 'ADSL Provided to Retail'

Chart B.3.4.7.2 - April 2002 – 4.0 System Output (Official Results)

B.3.4.7.2 Line Sharing/Non-Dispatch/GA (%)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
May-01	53.51%	99	185	33.33%	3	9		1.1853	YES
Jun-01	33.13%	53	160	40.63%	13	32		-0.8229	YES
Jul-01	29.61%	69	233	50.00%	25	50		-2.8649	NO
Aug-01	16.67%	28	168	59.09%	13	22		-5.0208	NO
Sep-01	40.60%	1,035	2,549	50.00%	6	12		-0.6612	YES
Oct-01	43.96%	1,463	3,328	41.67%	5	12		0.1598	YES
Nov-01	42.26%	1,152	2,726	40.00%	2	5		0.1022	YES
Dec-01	40.50%	951	2,348	51.22%	21	41		-1.3858	YES
Jan-02	15.98%	437	2,735	28.57%	14	49		-2.3847	NO
Feb-02	16.14%	362	2,243	23.81%	10	42		-1.3387	YES
Mar-02	19.40%	754	3,886	20.00%	9	45		-0.1007	YES
Apr-02	24.13%	1,175	4,870	32.20%	19	59		-1.4412	YES



Note 1: ADSL Provided to Retail data serves as the BST Analog for this report
Note 2: Effective April 2001: Analog Changed from 'Tariffed ADSL' to 'ADSL Provided to Retail'

Out of Service (OOS) > 24 Hours

SQM Measure Reference: M&R-5

SQM Measure Description:

The Out of Service (OOS) > 24 Hours measure is intended to analyze out of service troubles (no dial tone, cannot be called or cannot call out) the percentage of total OOS troubles cleared in excess of 24 hours to a CLEC.

xDSL (ADSL, HDSL, and UCL)

March Research Data

Chart Reference(s): B.3.5.5.1

B.3.5.5.2

April Research Data

Chart Reference(s): B.3.5.5.1

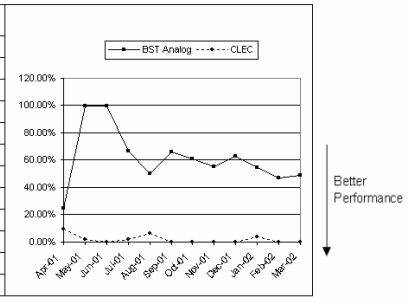
B.3.5.5.2

Chart Reference

Chart B.3.5.5.1 - March 2002 – 2.6 System Output (Official Results)

B.3.5.5.1 xDSL (ADSL, HDSL and UCL)/Dispatch/GA (%)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
Apr-01	24.74%	306	1,237	9.26%	5	54		2.5805	YES
May-01	100.00%	1	1	2.13%	1	47			YES
Jun-01	100.00%	4	4	0.00%	0	47			YES
Jul-01	66.67%	2	3	2.22%	1	45		2.2927	YES
Aug-01	50.00%	1	2	6.52%	3	46		1.2039	YES
Sep-01	66.31%	614	926	0.00%	0	30		7.5621	YES
Oct-01	60.88%	610	1,002	0.00%	0	34		7.1534	YES
Nov-01	55.24%	569	1,030	0.00%	0	27		5.6986	YES
Dec-01	62.58%	935	1,494	0.00%	0	38		7.8730	YES
Jan-02	54.86%	970	1,768	3.70%	1	27		5.3018	YES
Feb-02	46.94%	760	1,619	0.00%	0	29		5.0206	YES
Mar-02	48.67%	968	1,989	0.00%	0	26		4.9328	YES

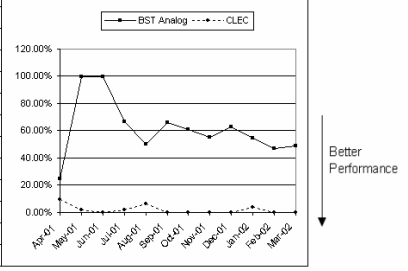


Note 1: ADSL Provided to Retail data serves as the BST Analog for this report

Chart B.3.5.5.1 - March 2002 – 4.0 System Output (Non-Official Results)

B.3.5.5.1 xDSL (ADSL, HDSL and UCL)/Dispatch/GA (%)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
Apr-01	24.74%	306	1,237	9.26%	5	54		2.5805	YES
May-01	100.00%	1	1	2.13%	1	47			YES
Jun-01	100.00%	4	4	0.00%	0	47			YES
Jul-01	66.67%	2	3	2.22%	1	45		2.2927	YES
Aug-01	50.00%	1	2	6.52%	3	46		1.2039	YES
Sep-01	66.31%	614	926	0.00%	0	30		7.5621	YES
Oct-01	60.88%	610	1,002	0.00%	0	34		7.1534	YES
Nov-01	55.24%	569	1,030	0.00%	0	27		5.6986	YES
Dec-01	62.58%	935	1,494	0.00%	0	38		7.8730	YES
Jan-02	54.86%	970	1,768	3.70%	1	27		5.3018	YES
Feb-02	46.94%	760	1,619	0.00%	0	29		5.0206	YES
Mar-02	49.12%	588	1,197	0.00%	0	22		4.5671	YES

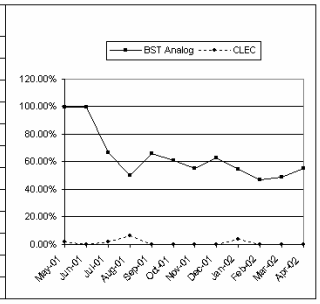


Note 1: ADSL Provided to Retail data serves as the BST Analog for this report
Note 2: ATTORNEY-CLIENT PRIVILEGED DOCUMENT. PREPARED IN ANTICIPATION OF LITIGATION.

Chart B.3.5.5.1 - April 2002 – 2.6 System Output (Non-Official Results)

B.3.5.5.1 xDSL (ADSL, HDSL and UCL)/Dispatch/GA (%)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
May-01	100.00%	1	1	2.13%	1	47			YES
Jun-01	100.00%	4	4	0.00%	0	47			YES
Jul-01	66.67%	2	3	2.22%	1	45		2.2927	YES
Aug-01	50.00%	1	2	6.52%	3	46		1.2039	YES
Sep-01	66.31%	614	926	0.00%	0	30		7.5621	YES
Oct-01	60.88%	610	1,002	0.00%	0	34		7.1534	YES
Nov-01	55.24%	569	1,030	0.00%	0	27		5.6986	YES
Dec-01	62.58%	935	1,494	0.00%	0	38		7.8730	YES
Jan-02	54.86%	970	1,768	3.70%	1	27		5.3018	YES
Feb-02	46.94%	760	1,619	0.00%	0	29		5.0206	YES
Mar-02	48.67%	968	1,989	0.00%	0	26		4.9328	YES
Apr-02	55.18%	1,794	3,251	0.00%	0	37		6.7116	YES

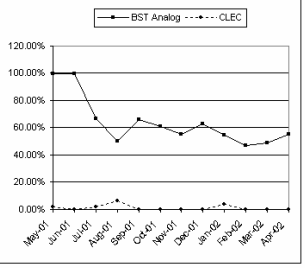


Note 1: ADSL Provided to Retail data serves as the BST Analog for this report

Chart B.3.5.5.1 - April 2002 – 4.0 System Output (Official Results)

B.3.5.5.1 xDSL (ADSL, HDSL and UCL)/Dispatch/GA (%)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
May-01	100.00%	1	1	2.13%	1	47			YES
Jun-01	100.00%	4	4	0.00%	0	47			YES
Jul-01	66.67%	2	3	2.22%	1	45		2.2927	YES
Aug-01	50.00%	1	2	6.52%	3	46		1.2039	YES
Sep-01	66.31%	614	926	0.00%	0	30		7.5621	YES
Oct-01	60.88%	610	1,002	0.00%	0	34		7.1534	YES
Nov-01	55.24%	569	1,030	0.00%	0	27		5.6986	YES
Dec-01	62.58%	935	1,494	0.00%	0	38		7.8730	YES
Jan-02	54.86%	970	1,768	3.70%	1	27		5.3018	YES
Feb-02	46.94%	760	1,619	0.00%	0	29		5.0206	YES
Mar-02	48.67%	968	1,989	0.00%	0	26		4.9328	YES
Apr-02	55.07%	1,027	1,865	0.00%	0	36		6.5790	YES

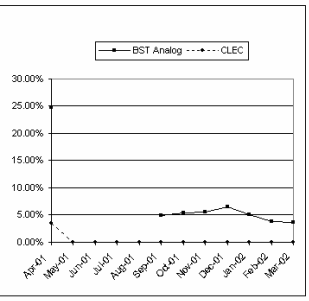


Note 1: ADSL Provided to Retail data serves as the BST Analog for this report

Chart B.3.5.5.2 - March 2002 – 2.6 System Output (Official Results)

B.3.5.5.2 xDSL (ADSL, HDSL and UCL)/Non-Dispatch/GA (%)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
Apr-01	24.74%	306	1,237	3.45%	1	29		2.6264	YES
May-01				0.00%	0	41			
Jun-01				0.00%	0	40			
Jul-01				0.00%	0	36			
Aug-01				0.00%	0	27			
Sep-01	4.90%	125	2,549	0.00%	0	18		0.9601	YES
Oct-01	5.47%	182	3,328	0.00%	0	21		1.0988	YES
Nov-01	5.58%	152	2,726	0.00%	0	10		0.7670	YES
Dec-01	6.43%	151	2,348	0.00%	0	27		1.3545	YES
Jan-02	5.12%	140	2,735	0.00%	0	21		1.0603	YES
Feb-02	3.83%	86	2,243	0.00%	0	20		0.8890	YES
Mar-02	3.58%	139	3,886	0.00%	0	24		0.9407	YES

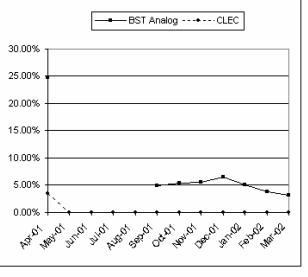


Note 1: ADSL Provided to Retail data serves as the BST Analog for this report

Chart B.3.5.5.2 - March 2002 – 4.0 System Output (Non-Official Results)

B.3.5.5.2 xDSL (ADSL, HDSL and UCL)/Non-Dispatch/GA (%)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
Apr-01	24.74%	306	1,237	3.45%	1	29		2.6264	YES
May-01				0.00%	0	41			
Jun-01				0.00%	0	40			
Jul-01				0.00%	0	36			
Aug-01				0.00%	0	27			
Sep-01	4.90%	125	2,549	0.00%	0	18		0.9601	YES
Oct-01	5.47%	182	3,328	0.00%	0	21		1.0988	YES
Nov-01	5.58%	152	2,726	0.00%	0	10		0.7670	YES
Dec-01	6.43%	151	2,348	0.00%	0	27		1.3545	YES
Jan-02	5.12%	140	2,735	0.00%	0	21		1.0603	YES
Feb-02	3.83%	86	2,243	0.00%	0	20		0.8890	YES
Mar-02	3.25%	91	2,804	0.00%	0	24		0.8934	YES

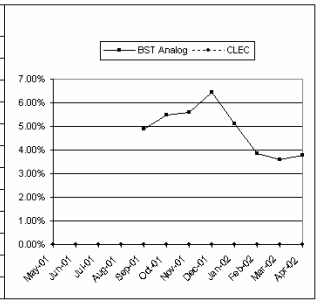


Note 1: ADSL Provided to Retail data serves as the BST Analog for this report
Note 2: ATTORNEY-CLIENT PRIVILEGED DOCUMENT. PREPARED IN ANTICIPATION OF LITIGATION.

Chart B.3.5.5.2 - April 2002 – 2.6 System Output (Non-Official Results)

B.3.5.5.2 xDSL (ADSL, HDSL and UCL)/Non-Dispatch/GA (%)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
May-01				0.00%	0	41			
Jun-01				0.00%	0	40			
Jul-01				0.00%	0	36			
Aug-01				0.00%	0	27			
Sep-01	4.90%	125	2,549	0.00%	0	18		0.9601	YES
Oct-01	5.47%	182	3,328	0.00%	0	21		1.0988	YES
Nov-01	5.58%	152	2,726	0.00%	0	10		0.7670	YES
Dec-01	6.43%	151	2,348	0.00%	0	27		1.3545	YES
Jan-02	5.12%	140	2,735	0.00%	0	21		1.0603	YES
Feb-02	3.83%	86	2,243	0.00%	0	20		0.8890	YES
Mar-02	3.58%	139	3,886	0.00%	0	24		0.9407	YES
Apr-02	3.78%	261	6,906	0.00%	0	17		0.8161	YES

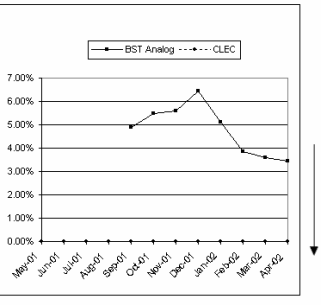


Note 1: ADSL Provided to Retail data serves as the BST Analog for this report

Chart B.3.5.5.2 - April 2002 – 4.0 System Output (Official Results)

B.3.5.5.2 xDSL (ADSL, HDSL and UCL)/Non-Dispatch/GA (%)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
May-01				0.00%	0	41			
Jun-01				0.00%	0	40			
Jul-01				0.00%	0	36			
Aug-01				0.00%	0	27			
Sep-01	4.90%	125	2,549	0.00%	0	18		0.9601	YES
Oct-01	5.47%	182	3,328	0.00%	0	21		1.0988	YES
Nov-01	5.58%	152	2,726	0.00%	0	10		0.7670	YES
Dec-01	6.43%	151	2,348	0.00%	0	27		1.3545	YES
Jan-02	5.12%	140	2,735	0.00%	0	21		1.0603	YES
Feb-02	3.83%	86	2,243	0.00%	0	20		0.8890	YES
Mar-02	3.58%	139	3,886	0.00%	0	24		0.9407	YES
Apr-02	3.45%	168	4,870	0.00%	0	17		0.7780	YES



Note 1: ADSL Provided to Retail data serves as the BST Analog for this report

Line Sharing

March Research Data

Chart Reference(s): B.3.5.7.1

B.3.5.7.2

April Research Data

Chart Reference(s): B.3.4.7.1

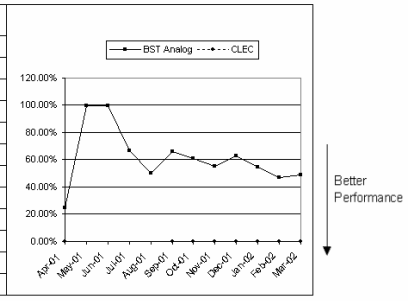
B.3.4.7.2

Chart Reference

Chart B.3.5.7.1 - March 2002 – 2.6 System Output (Official Results)

B.3.5.7.1 Line Sharing/Dispatch/GA (%)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
Apr-01	24.74%	306	1,237	0.00%	0	1		0.5731	YES
May-01	100.00%	1	1						
Jun-01	100.00%	4	4						
Jul-01	66.67%	2	3						
Aug-01	50.00%	1	2						
Sep-01	66.31%	614	926	0.00%	0	0			YES
Oct-01	60.88%	610	1,002	0.00%	0	0			YES
Nov-01	55.24%	569	1,030	0.00%	0	0			YES
Dec-01	62.58%	935	1,494	0.00%	0	0			YES
Jan-02	54.86%	970	1,768	0.00%	0	0			YES
Feb-02	46.94%	760	1,619	0.00%	0	0			YES
Mar-02	48.67%	968	1,989	0.00%	0	0			YES

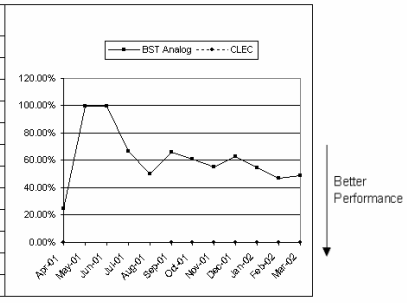


Note 1: ADSL Provided to Retail data serves as the BST Analog for this report
Note 2: Effective April 2001: Analog Changed from 'Tariffed ADSL' to 'ADSL Provided to Retail'

Chart B.3.5.7.1 - March 2002 – 4.0 System Output (Non-Official Results)

B.3.5.7.1 Line Sharing/Dispatch/GA (%)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
Apr-01	24.74%	306	1,237	0.00%	0	1		0.5731	YES
May-01	100.00%	1	1						
Jun-01	100.00%	4	4						
Jul-01	66.67%	2	3						
Aug-01	50.00%	1	2						
Sep-01	66.31%	614	926	0.00%	0	0			YES
Oct-01	60.88%	610	1,002	0.00%	0	0			YES
Nov-01	55.24%	569	1,030	0.00%	0	0			YES
Dec-01	62.58%	935	1,494	0.00%	0	0			YES
Jan-02	54.86%	970	1,768	0.00%	0	0			YES
Feb-02	46.94%	760	1,619	0.00%	0	0			YES
Mar-02	49.12%	588	1,197	0.00%	0	0			YES

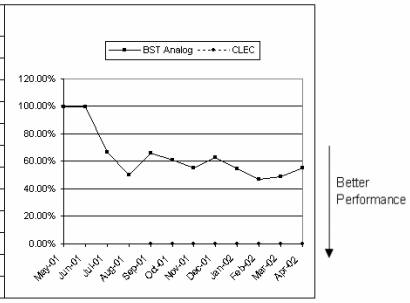


Note 1: ADSL Provided to Retail data serves as the BST Analog for this report
Note 2: Effective April 2001: Analog Changed from 'Tariffed ADSL' to 'ADSL Provided to Retail'
Note 3: ATTORNEY-CLIENT PRIVILEGED DOCUMENT. PREPARED IN ANTICIPATION OF LITIGATION.

Chart B.3.5.7.1 - April 2002 – 2.6 System Output (Non-Official Results)

B.3.5.7.1 Line Sharing/Dispatch/GA (%)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
May-01	100.00%	1	1						
Jun-01	100.00%	4	4						
Jul-01	66.67%	2	3						
Aug-01	50.00%	1	2						
Sep-01	66.31%	614	926	0.00%	0	0			YES
Oct-01	60.88%	610	1,002	0.00%	0	0			YES
Nov-01	55.24%	569	1,030	0.00%	0	0			YES
Dec-01	62.58%	935	1,494	0.00%	0	0			YES
Jan-02	54.86%	970	1,768	0.00%	0	0			YES
Feb-02	46.94%	760	1,619	0.00%	0	0			YES
Mar-02	48.67%	968	1,989	0.00%	0	0			YES
Apr-02	55.18%	1,794	3,251	0.00%	0	0			YES

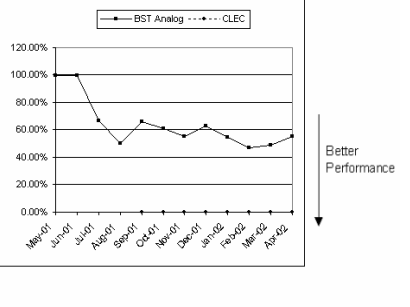


Note 1: ADSL Provided to Retail data serves as the BST Analog for this report
Note 2: Effective April 2001: Analog Changed from 'Tariffed ADSL' to 'ADSL Provided to Retail'

Chart B.3.5.7.1 - April 2002 – 4.0 System Output (Official Results)

B.3.5.7.1 Line Sharing/Dispatch/GA (%)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
May-01	100.00%	1	1						
Jun-01	100.00%	4	4						
Jul-01	66.67%	2	3						
Aug-01	50.00%	1	2						
Sep-01	66.31%	614	926	0.00%	0	0			YES
Oct-01	60.88%	610	1,002	0.00%	0	0			YES
Nov-01	55.24%	569	1,030	0.00%	0	0			YES
Dec-01	62.58%	935	1,494	0.00%	0	0			YES
Jan-02	54.86%	970	1,768	0.00%	0	0			YES
Feb-02	46.94%	760	1,619	0.00%	0	0			YES
Mar-02	48.67%	968	1,989	0.00%	0	0			YES
Apr-02	55.07%	1,027	1,865	0.00%	0	0			YES

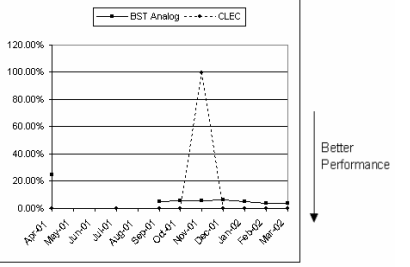


Note 1: ADSL Provided to Retail data serves as the BST Analog for this report
Note 2: Effective April 2001: Analog Changed from 'Tariffed ADSL' to 'ADSL Provided to Retail'

Chart B.3.5.7.2 - March 2002 – 2.6 System Output (Official Results)

B.3.5.7.2 Line Sharing/Non-Dispatch/GA (%)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
Apr-01	24.74%	306	1,237	0.00%	0	12		1.9766	YES
May-01									
Jun-01									
Jul-01				0.00%	0	1			
Aug-01									
Sep-01	4.90%	125	2,549	0.00%	0	0			YES
Oct-01	5.47%	182	3,328	0.00%	0	0			YES
Nov-01	5.58%	152	2,726	100.00%	1	1		-4.1144	NO
Dec-01	6.43%	151	2,348	0.00%	0	2		0.3706	YES
Jan-02	5.12%	140	2,735	0.00%	0	1		0.2322	YES
Feb-02	3.83%	86	2,243	0.00%	0	0			YES
Mar-02	3.58%	139	3,886	0.00%	0	0			YES

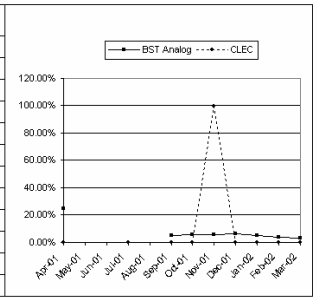


Note 1: ADSL Provided to Retail data serves as the BST Analog for this report
Note 2: Effective April 2001: Analog Changed from 'Tariffed ADSL' to 'ADSL Provided to Retail'

Chart B.3.5.7.2 - March 2002 – 4.0 System Output (Non-Official Results)

B.3.5.7.2 Line Sharing/Non-Dispatch/GA (%)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
Apr-01	24.74%	306	1,237	0.00%	0	12		1.9766	YES
May-01									
Jun-01									
Jul-01				0.00%	0	1			
Aug-01									
Sep-01	4.90%	125	2,549	0.00%	0	0			YES
Oct-01	5.47%	182	3,328	0.00%	0	0			YES
Nov-01	5.58%	152	2,726	100.00%	1	1		-4.1144	NO
Dec-01	6.43%	151	2,348	0.00%	0	2		0.3706	YES
Jan-02	5.12%	140	2,735	0.00%	0	1		0.2322	YES
Feb-02	3.83%	86	2,243	0.00%	0	0			YES
Mar-02	3.25%	91	2,804	0.00%	0	0			YES

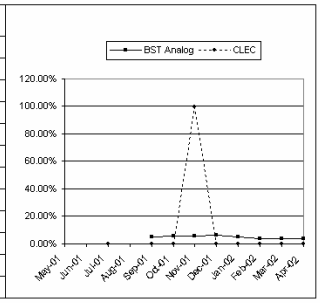


Note 1: ADSL Provided to Retail data serves as the BST Analog for this report
Note 2: Effective April 2001: Analog Changed from 'Tariffed ADSL' to 'ADSL Provided to Retail'
Note 3: ATTORNEY-CLIENT PRIVILEGED DOCUMENT. PREPARED IN ANTICIPATION OF LITIGATION.

Chart B.3.5.7.2 - April 2002 – 2.6 System Output (Non-Official Results)

B.3.5.7.2 Line Sharing/Non-Dispatch/GA (%)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
May-01									
Jun-01									
Jul-01				0.00%	0	1			
Aug-01									
Sep-01	4.90%	125	2,549	0.00%	0	0			YES
Oct-01	5.47%	182	3,328	0.00%	0	0			YES
Nov-01	5.58%	152	2,726	100.00%	1	1		-4.1144	NO
Dec-01	6.43%	151	2,348	0.00%	0	2		0.3706	YES
Jan-02	5.12%	140	2,735	0.00%	0	1		0.2322	YES
Feb-02	3.83%	86	2,243	0.00%	0	0			YES
Mar-02	3.58%	139	3,886	0.00%	0	0			YES
Apr-02	3.78%	261	6,906	0.00%	0	0			YES

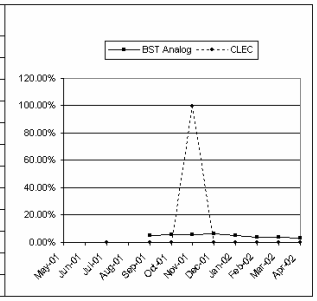


Note 1: ADSL Provided to Retail data serves as the BST Analog for this report
Note 2: Effective April 2001: Analog Changed from 'Tariffed ADSL' to 'ADSL Provided to Retail'

Chart B.3.5.7.2 - April 2002 – 4.0 System Output (Official Results)

B.3.5.7.2 Line Sharing/Non-Dispatch/GA (%)

	BST Analog	Numerator	Volume	CLEC	Numerator	Volume	StDev	ZScore	Equity
May-01									
Jun-01									
Jul-01				0.00%	0	1			
Aug-01									
Sep-01	4.90%	125	2,549	0.00%	0	0			YES
Oct-01	5.47%	182	3,328	0.00%	0	0			YES
Nov-01	5.58%	152	2,726	100.00%	1	1		-4.1144	NO
Dec-01	6.43%	151	2,348	0.00%	0	2		0.3706	YES
Jan-02	5.12%	140	2,735	0.00%	0	1		0.2322	YES
Feb-02	3.83%	86	2,243	0.00%	0	0			YES
Mar-02	3.58%	139	3,886	0.00%	0	0			YES
Apr-02	3.45%	168	4,870	0.00%	0	0			YES



Note 1: ADSL Provided to Retail data serves as the BST Analog for this report
Note 2: Effective April 2001: Analog Changed from 'Tariffed ADSL' to 'ADSL Provided to Retail'

Appendix

I. PMAP 4.0 Ordering Combo Other Product ID Rollup Reference

Table outlines the products that are included in the PMAP 4.0 Product Grouping 475

Prod ID	Product Description
261	UNE 2W Voice Loop (Ground Start) Riding DS1 Interoffice Channel - EEL-1
262	UNE 2W Voice Loop (Loop Start) Riding DS1 Interoffice Channel - EEL-1
263	UNE 2W Voice Loop (Reverse Battery) Riding DS1 Interoffice Channel - EEL-1
265	UNE 4W Voice Loop (Ground Start) Riding DS1 Interoffice Channel - EEL-2
266	UNE 4W Voice Loop (Loop Start) Riding DS1 Interoffice Channel - EEL-2
267	UNE 2W ISDN Loop (Basic Rate) Riding DS1 Interoffice Channel - EEL-3
268	UNE 4W Unbundled Digital Loop - 56kbps Riding DS1 Interoffice Channel - EEL-4
269	UNE 4W Unbundled Digital Loop - 64kbps Riding DS1 Interoffice Channel - EEL-5
270	UNE DS1 Loop Riding DS1 Interoffice Channel - EEL-6
271	UNE DS3 Loop Riding DS3 Interoffice Channel - EEL-7
272	UNE STS-1 Loop Riding STS-1 Interoffice Channel - EEL-8
274	UNE DS1 Loop Riding DS3 Interoffice Channel - EEL-9
275	UNE DS1 Loop Riding STS-1 Interoffice Channel - EEL-10
277	UNE 2W Voice Loop (Ground Start) Riding 2W Voice Grade Interoffice Channel - EEL-11
278	UNE 2W Voice Loop (Loop Start) Riding 2W Voice Grade Interoffice Channel - EEL-11
279	UNE 2W Voice Loop (Reverse Battery) Riding 2W Voice Grade Interoffice Channel - EEL-11
281	UNE 4W Voice Loop (Ground Start) Riding 4W Voice Grade Interoffice Channel - EEL-12
282	UNE 4W Voice Loop (Loop Start) Riding 4W Voice Grade Interoffice Channel - EEL-12
283	UNE 4W Unbundled Digital Loop - 56kbps Riding 4W 56kbps Interoffice Channel - EEL-13
284	UNE 4W Unbundled Digital Loop - 64kbps Riding 4W 64kbps Interoffice Channel - EEL-14
286	UNE 2W Voice Grade Local Channel (Ground Start) + 2W VG Interoffice + 2W VG Loop
287	UNE 2W Voice Grade Local Channel (Loop Start) + 2W VG Interoffice + 2W VG Loop
288	UNE 2W Voice Grade Local Channel (Reverse Battery) + 2W VG Interoffice + 2W VG Loop
290	UNE 4W Voice Grade Local Channel (Ground Start) + 4W VG Interoffice + 4W VG Loop
291	UNE 4W Voice Grade Local Channel (Loop Start) + 4W VG Interoffice + 4W VG Loop
292	UNE 4W 56kbps Local Channel + 4W 56kbps Interoffice + 4W 56kbps Local Loop
293	UNE 4W 64kbps Local Channel + 4W 64kbps Interoffice + 4W 64kbps Local Loop
294	UNE DS1 Local Channel + DS1 Interoffice + DS1 Local Loop
295	UNE DS3 Local Channel + DS3 Interoffice + DS3 Local Loop
296	UNE STS-1 Local Channel + STS-1 Interoffice + STS-1 Local Loop
298	UNE 2W Voice Grade Local Loop (Ground Start) + 2W VG Interoffice w existing 1/0 Mux Channelized Local Channel
299	UNE 2W Voice Grade Local Loop (Loop Start) + 2W VG Interoffice w existing 1/0 Mux Channelized Local Channel
300	UNE 2W Voice Grade Local Loop (Reverse Battery) + 2W VG Interoffice w existing 1/0 Mux Channelized Local Channel
302	UNE 4W Voice Grade Local Loop (Ground Start) + 4W VG Interoffice w existing 1/0 Mux Channelized Local Channel
303	UNE 4W Voice Grade Local Loop (Loop Start) + 4W VG Interoffice w existing 1/0 Mux Channelized Local Channel
305	UNE DS1 Local Loop + DS1 Interoffice w existing 3/1 Mux (DS3) Channelized Local Channel
306	UNE DS1 Local Loop + DS1 Interoffice w existing 3/1 Mux (STS-1) Channelized Local Channel
308	UNE DS1 Local Loop w existing 3/1 Mux (DS3) Channelized Local Channel
309	UNE DS1 Local Loop w existing 3/1 Mux (STS-1) Channelized Local Channel
311	UNE DS1 Interoffice Channel w existing 3/1 Mux (DS3) Channelized Local Channel
312	UNE DS1 Interoffice Channel w existing 3/1 Mux (STS-1) Channelized Local Channel
315	UNE DS1 Local Loop + DS1 Interoffice w 3/1 Mux (DS3) Collocated Channelization
316	UNE DS1 Local Loop + DS1 Interoffice w 3/1 Mux (STS-1) Collocated Channelization
317	UNE DS1 Local Channel + DS1 Local Loop

Prod ID	Product Description
318	UNE DS3 Local Channel + DS3 Local Loop
319	UNE STS-1 Local Channel + STS-1 Local Loop
320	UNE DS1 Local Channel + DS1 Local Interoffice Channel to Collocation
321	UNE DS3 Local Channel + DS3 Local Interoffice Channel to Collocation
322	UNE STS-1 Local Channel + STS-1 Local Interoffice Channel to Collocation
323	UNE Channelized DS1 Local Channel + DS1 Local Interoffice w 1/0 Mux Channelization
324	UNE Channelized DS3 Local Channel + DS3 Local Interoffice w 3/1 Mux Channelization
325	UNE Channelized STS-1 Local Channel + STS-1 Local Interoffice w 3/1 Mux Channelization
327	UNE 2W Voice Grade Local Channel (Ground Start) w existing 1/0 Mux Channelized Interoffice Channel
328	UNE 2W Voice Grade Local Channel (Loop Start) w existing 1/0 Mux Channelized Interoffice Channel
329	UNE 2W Voice Grade Local Channel (Reverse Battery) w existing 1/0 Mux Channelized Interoffice Channel
331	UNE 4W Voice Grade Local Channel (Ground Start) w existing 1/0 Mux Channelized Interoffice Channel
332	UNE 4W Voice Grade Local Channel (Loop Start) w existing 1/0 Mux Channelized Interoffice Channel
334	UNE DS1 Local Channel w existing 3/1 Mux (DS3) Channelized Interoffice Channel
335	UNE DS1 Local Channel w existing 3/1 Mux (STS-1) Channelized Interoffice Channel
601	UNE DS1 Interoffice Channel w existing 3/1 Mux (DS3) Independent Local Loop Channelization
602	UNE DS1 Interoffice Channel w existing 3/1 Mux (STS-1) Independent Local Loop Channelization
603	UNE DS1 Interoffice Channel w 1/0 Mux Channelization
604	UNE DS3 Interoffice Channel w 3/1 Mux Channelization
605	UNE STS-1 Interoffice Channel w 3/1 Mux Channelization
606	UNE DS1 Local Channel w 1/0 Mux Channelization
607	UNE DS3 Local Channel w 3/1 Mux Channelization
608	UNE STS-1 Local Channel w 3/1 Mux Channelization
609	UNE DS1 1/0 Mux Collocation w Channelization
610	UNE DS3 3/1 Mux Collocation w Channelization
611	UNE STS-1 3/1 Mux Collocation w Channelization

II. PMAP 4.0 Ordering Other Designed Product ID Rollup

Prod ID	Product Description
127	UNE 4W Analog Loop (Ground Start)
127	UNE 4W Analog Loop (Ground Start) w/o NP
128	UNE 4W Analog Loop (Loop Start)
128	UNE 4W Analog Loop (Loop Start) w/o NP
129	UNE 4W Unbundled Digital Loop - 2.4kbps
130	UNE 4W Unbundled Digital Loop - 4.8kbps
131	UNE 4W Unbundled Digital Loop - 9.6kbps
132	UNE 4W Unbundled Digital Loop - 19.2kbps
133	UNE 4W Unbundled Digital Loop - 56kbps
134	UNE 4W Unbundled Digital Loop - 64kbps
173	UNE DS1 Non-Channelized Local Loop
174	UNE DS3 Non-Channelized Local Loop
175	UNE STS-1 Non-Channelized Local Loop
176	UNE DS1 Non-Channelized Local Channel
177	UNE DS3 Non-Channelized Local Channel
178	UNE STS-1 Non-Channelized Local Channel
182	UNE DS1 Channelized Local Loop
183	UNE DS3 Channelized Local Loop
184	UNE STS-1 Channelized Local Loop
185	UNE DS1 Channelized Local Channel
186	UNE DS3 Channelized Local Channel

Prod ID	Product Description
187	UNE STS-1 Channelized Local Channel
191	UNE DS1 Channelization (1/0 Mux)
192	UNE DS3 Channelization (3/1 Mux)
193	UNE STS-1 Channelization (3/1 Mux)
194	UNE Dedicated Transport - Dark Fiber Local Loop
195	UNE Dedicated Transport - Dark Fiber Local Channel
196	UNE Dedicated Transport - Dark Fiber Interoffice Channel
236	UNE Sub-Loop Feeder - 2W Voice Loop (Ground Start)
237	UNE Sub-Loop Feeder - 2W Voice Loop (Loop Start)
238	UNE Sub-Loop Feeder - 2W Voice Loop (Reverse Battery)
239	UNE Sub-Loop Feeder - 4W Voice Loop (Ground Start)
240	UNE Sub-Loop Feeder - 4W Voice Loop (Loop Start)
241	UNE Sub-Loop Feeder - 4W Unbundled Digital Loop - 2.4kbps
242	UNE Sub-Loop Feeder - 4W Unbundled Digital Loop - 4.8kbps
243	UNE Sub-Loop Feeder - 4W Unbundled Digital Loop - 9.6kbps
244	UNE Sub-Loop Feeder - 4W Unbundled Digital Loop - 19.2kbps
245	UNE Sub-Loop Feeder - 4W Unbundled Digital Loop - 56kbps
246	UNE Sub-Loop Feeder - 4W Unbundled Digital Loop - 64kbps
247	UNE Sub-Loop Feeder - 2W ISDN Loop (Basic Rate)
248	UNE Sub-Loop Feeder - DS1 Local Loop
250	UNE Sub-Loop Feeder - 2W Unbundled Copper Loop w/o Loop Modification
251	UNE Sub-Loop Feeder - 2W Unbundled Copper Loop (UCL) w Load Coil Removal - Loop Modification
252	UNE Sub-Loop Feeder - 2W Unbundled Copper Loop (UCL) w Bridge Tap Removal - Loop Modification
253	UNE Sub-Loop Feeder - 2W Unbundled Copper Loop (UCL) w Load Coil & Bridge Tap Removal - Loop Modification
255	UNE Sub-Loop Feeder - 4W Unbundled Copper Loop w/o Loop Modification
256	UNE Sub-Loop Feeder - 4W Unbundled Copper Loop (UCL) w Load Coil Removal - Loop Modification
257	UNE Sub-Loop Feeder - 4W Unbundled Copper Loop (UCL) w Bridge Tap Removal - Loop Modification
258	UNE Sub-Loop Feeder - 4W Unbundled Copper Loop (UCL) w Load Coil & Bridge Tap Removal - Loop Modification
338	UNE Loop Concentration - TR008 Non-Concentrated System AMI/SF
339	UNE Loop Concentration - TR008 Non-Concentrated System B8ZS/SF
340	UNE Loop Concentration - TR008 Non-Concentrated System B8ZS/ESF
341	UNE Loop Concentration - TR008 Concentrated System AMI/SF
342	UNE Loop Concentration - TR008 Concentrated System B8ZS/SF
343	UNE Loop Concentration - TR008 Concentrated System B8ZS/ESF
344	UNE Loop Concentration - TR303 System (Concentrated or Non-Concentrated) B8ZS/ESF
348	UNE 2W Voice Loop (Ground Start) Riding ULC System
349	UNE 2W Voice Loop (Loop Start) Riding ULC System
350	UNE 2W Voice Loop (Reverse Battery) Riding ULC System
352	UNE 4W Voice Loop (Ground Start) Riding ULC System
353	UNE 4W Voice Loop (Loop Start) Riding ULC System
354	UNE 4W Unbundled Digital Loop - 2.4kbps Riding ULC System
355	UNE 4W Unbundled Digital Loop - 4.8kbps Riding ULC System
356	UNE 4W Unbundled Digital Loop - 9.6kbps Riding ULC System
357	UNE 4W Unbundled Digital Loop - 19.2kbps Riding ULC System
358	UNE 4W Unbundled Digital Loop - 56kbps Riding ULC System
359	UNE 4W Unbundled Digital Loop - 64kbps Riding ULC System
360	UNE 2W ISDN (Basic Rate) Loop Riding ULC System
361	UNE 2W UDC (Universal Digital Channel) Capable Loop Riding ULC System
371	UNE Remote Site Unbundled DSL (RSUDSL) ATM DS1 Interface - 1.536 Mbps
372	UNE Remote Site Unbundled DSL (RSUDSL) ATM DS3 Interface - 44.210 Mbps
381	UNE Sub-Loop Feeder - DS3 Loop
382	UNE Sub-Loop Feeder - STS-1 Loop

Prod ID	Product Description
383	UNE Sub-Loop Feeder - OC-3 2 Fiber Loop
384	UNE Sub-Loop Feeder - OC-3 4 Fiber Loop
385	UNE Sub-Loop Feeder - OC-12 2 Fiber Loop
386	UNE Sub-Loop Feeder - OC-12 4 Fiber Loop
387	UNE Sub-Loop Feeder - OC-48 2 Fiber Loop
388	UNE Sub-Loop Feeder - OC-48 4 Fiber Loop
1127	UNE 4W Analog Loop (Ground Start) w INP
1128	UNE 4W Analog Loop (Loop Start) w INP
2127	UNE 4W Analog Loop (Ground Start) w LNP
2128	UNE 4W Analog Loop (Loop Start) w LNP

III. Product Identification Rules

All PMAP 4.0 product derivation rules are based on those published for the CLECs use in the various BellSouth Interconnection Services Customer Guides and Documentation. These documents may be found on the web at URL http://www.interconnection.bellsouth.com/guides/. This information is assumed to be correct as of the date of document publication.